



**ATMIYA  
UNIVERSITY**

RAJKOT, GUJARAT (INDIA)

## Annual Report - 2024





**ATMIYA  
UNIVERSITY**



## **Vision**

**TO NURTURE CREATIVE THINKERS AND LEADERS  
THROUGH TRANSFORMATIVE LEARNING**

## **Mission**

- To create a transformative learning experience by imbibing domain specific knowledge & wisdom.
- To focus on research based teaching learning with Industry relevant application knowledge.
- To create transformative impact on society through participation, innovation, creativity and entrepreneurial framework of learning.
- To ensure knowledge integration in content creation with Industry collaborations and National as well as International Institutions.
- To cultivate a student centric transformative university committed to holistic development with Intellectual, Emotional, Spiritual and Behavioral traits of its learners.
- To impact society in a transformative way on green thinking and its effort on sustainable environment and ecology.

## **Core Values**

At Atmiya University, We

- Encourage to be courageous to question ideas, ignite new ways of thinking and action.
- Firmly believe on collective leadership, work as integrated team with trust, collaboration and connectivity across our different disciplines and throughout the world.
- Respect and celebrate diversity. With a generosity of spirit, we value emotional intelligence as well as knowledge, empowering one another and enabling our students to realize their full potential.
- Excellence is a way of life. We understand the importance of critical thinking, discipline and responsibility, and we expect the very highest standards of ourselves and our students.
- Co-existential thinking and Green-thinking is at the nucleus. Our common aspiration is to respect the planet and we are committed to practice and promote sustainable alternatives at all the spheres, both on the global stage and in our own working environment.
- Facilitate acquiring knowledge on every aspect of life, to bring happiness, spiritual bliss, respect people and appreciate society.



## Annual Report 2024: A Year of Transformation and Growth

Atmiya University, established as a state private multidisciplinary institution in 2018, stands as a testament to the enduring academic legacy of over 35 years, originating from the Atmiya Group of Institutions. Guided by the profound ethos of **सुहृदं सर्वभूतानाम् (Suhradam Sarva-Bhutanam)**, and under the divine blessings of **Brahmswaroop Hariprasad Swamiji Maharaj**, **P.P. Premwaroop Swamiji Maharaj**, and the mentorship of **P.P. Tyagvallabh Swamiji**, the university continues to spread the essence of **Atmiyata** through education. It is my privilege to present the Annual Report for the year 2024, a year marked by significant milestones in our pursuit of transformative, value-based education.

In line with our vision, Atmiya University has consistently strived to achieve excellence in teaching, learning, and research. As a leader in adopting the aspirations of the **National Education Policy (NEP) 2020**, the university introduced a forward-thinking curriculum framework as early as 2021. This initiative, perfectly aligned with subsequent recommendations from the UGC and the Gujarat State Government, underscores our commitment to educational transformation. Through continuous improvements, we have successfully integrated multidisciplinary learning, skill development, and value-based education into our academic practices.

Our dedication to research and innovation has yielded remarkable outcomes in 2024. Faculty members have secured research grants, participated in conferences, and published extensively in reputed journals. Collaborative efforts with academic and industrial partners have strengthened the research ecosystem. Moreover, a sustained focus on enhancing the faculty-student ratio has fostered a more interactive and engaging learning environment.

The integration of **Universal Human Values (UHV)** through **Jeevan Vidya (JV)** initiatives continues to be a cornerstone of Atmiya University's educational philosophy. The **26th National Jeevan Vidya Convention**, attended by **925 participants**, and multiple **Jeevan Vidya Parichay Shivirs** had a profound impact on inculcating life skills and ethical practices among students and faculty. These initiatives have not only enriched campus life but have also extended Atmiya's values into the broader community through outreach and capacity-building programs.

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**Sustainability** remains a key priority for Atmiya University. This year, we have taken significant steps toward creating a greener campus through **solar energy cultivation (154 MWh), rainwater harvesting systems, and biodiversity projects**. These efforts reflect our responsibility to align educational excellence with environmental stewardship, ensuring a sustainable future for generations to come.

Cultural and co-curricular activities have also played a vital role in enriching student life. Events like the **ATMIYA AVSAR cultural fest** and the activities of **student-led clubs** have fostered **creativity, leadership, and teamwork**. The Ignite Platform, with its peer-to-peer learning sessions, has further encouraged innovation and skill development, preparing our students to excel in a competitive global environment.

This annual report encapsulates the vibrant and stimulating environment at Atmiya University, highlighting key achievements, events, research projects, and special recognitions. It reflects the collective efforts of our faculty, staff, and students, whose dedication and hard work have made these accomplishments possible.

I extend my heartfelt gratitude to our **Pro Chancellor Dr. Sheela Ramachandran**, for her visionary leadership and constant encouragement. I also extend my sincere gratitude to **Dr. Shiv Kumar Tripathi**, for his motivation and guidance during his tenure as Vice Chancellor at the University. I also thank the Deans, Heads of Departments, and all members of the Atmiya family for their invaluable contributions to this year's successes.

As we move forward, let us continue to uphold the spirit of **Atmiyata** and work together toward greater achievements in the years ahead.



Dr. Divyang D. Vyas  
**Registrar, Atmiya University**



The year 2024 marked a significant period of growth and achievement for Atmiya University, solidifying its position as a leader in transformative education. The university continued to foster excellence through its diverse academic offerings, extensive research contributions, and a steadfast commitment to universal human values. With a near-perfect Gross Enrolment Ratio of 98%, Atmiya University attracted thousands of students across undergraduate, postgraduate, and doctoral programs, reflecting the trust and reputation it has built over the years. During the 4th convocation in January-2024, the university celebrated the achievements of 1,752 graduates, including 15 Ph.D. scholars and 50 gold medallists, exemplifying its commitment to producing skilled, ethical, and competent leaders for society.

The university's placement performance in 2024 was exceptional, with 639 students securing positions in top companies. A total of 321 organizations participated in the recruitment drives, offering packages as high as ₹7.5 LPA. The success of the placement season highlighted the university's emphasis on industry readiness and its ability to align academic programs with market needs. Beyond placements, the year saw Atmiya University emerge as a hub for innovation and research. Faculty members and students contributed significantly, with 81 research publications in reputed journals and 16 patents filed in fields ranging from biotechnology to artificial intelligence. Initiatives at the E-Yuva Centre further boosted the entrepreneurial spirit on campus, supporting 12 startups and hosting events like the Global Bio-India Conclave, which facilitated collaboration and showcased groundbreaking ideas.

At the heart of Atmiya University's mission lies the integration of Universal Human Values (UHV), which was exemplified through the Jeevan Vidya (JV) initiatives conducted throughout 2024. These activities were pivotal in shaping a holistic educational experience for students, faculty, and the wider community. The 26th National Jeevan Vidya Convention, attended by 925 participants, served as a cornerstone event, fostering discussions on ethical living, sustainability, and harmony in education. Jeevan Vidya Parichay Shivirs, held in multiple sessions, engaged over 1,500 participants, emphasizing practical application of Jeevan Vidya principles in daily life. Other notable programs included capacity-building workshops for industries and collaborative initiatives with educational institutions, demonstrating Atmiya's dedication to societal well-being and ethical practices. These activities extended beyond academic discourse, cultivating mindfulness and personal growth through initiatives such as the Happiness Meet and the National Conference on Sustainable Futures, which addressed pressing global challenges with a focus on collective responsibility.

Sustainability was another key focus area for Atmiya University in 2024. The campus adopted eco-friendly measures, including the installation of 800KW solar panels, energy-efficient systems, and 12 Lakh Liters rainwater harvesting units, which collectively reduced its environmental footprint. Tree plantation drives and the creation of biodiversity corridors further reinforced the university's commitment to a greener future. Community engagement efforts complemented these initiatives, with workshops on kitchen gardening, menstrual health awareness, and women empowerment programs benefitting over 1,000 individuals. These activities reflected Atmiya's role as a socially responsible institution, actively contributing to the welfare of its surrounding communities.

The cultural vibrancy and extracurricular engagement added to the dynamic campus life in 2024. The ATMIYA AVSAR cultural festival witnessed participation from 741 students in events spanning music, dance, debates, and creative arts. Student-led clubs and the Ignite Platform also provided avenues for personal and professional growth. Ignite's peer-to-peer learning sessions engaged over 2,800 students in topics ranging from technological innovations to ethical leadership, while the 14 active student clubs hosted 142 sessions with more than 4,000 participants. These initiatives enriched the learning environment, encouraging collaboration, creativity, and leadership.

As Atmiya University reflects on the milestones of 2024, the achievements stand as a testament to its vision of nurturing individuals who embody intellectual excellence, ethical values, and social responsibility. Through its unwavering focus on holistic education, research, sustainability, and universal human values, the university has laid a strong foundation for continued success and impact in the years to come.

Year at a Glance

Statutory Committees

Academic Programs

Enrollment

4<sup>th</sup> Convocation

Prominent Visitors & Guests

Development & Achievements

- Faculty of Science (FoS)
- Faculty of Business & Commerce (FoBC)
- Faculty of Engineering & Technology (FoET)
- Faculty of Health Science (FoHS)

Student Progression

Library & Learning Centre

Incubation & Innovation Centre: E-Yuva Centre

NCC & NSS Activities

Centre for Student & Customer Initiatives

Sustainability

Jeevan Vidya Initiatives

## Governing Body

P.P. Tyagvallabh Swamiji  
Prof. Sheela Ramchandran  
Prof. T C Taranath  
Dr. Datta Madamwar  
Shri Siddharth Shah  
Dr. Vasant Bhalodia  
Shri Kiritbhai S. Adroja  
Dr. Yagnesh Shukla  
Dr. Ashish Kothari  
Shri Bharatbhai Doshi  
Shri Yogesh Shastri  
Shri Chandrakantbhai Patel  
Smt Sunaina Tomar, IAS  
Dr. Divyang D. Vyas

## Board of Management

P.P. Tyagvallabh Swamiji  
Dr. Sheela Ramachandran  
Dr. R. K. Chauhan  
Dr. Sameer K. Vaidya  
Shri Subhajit Bhattacharya  
Dr. Dharmesh J. Pandya  
Dr. Hemant Sonkusare  
Er. Ravi S. Tank  
Dr. Ashish M Kothari  
Dr. D. D. Vyas

## Academic Council

Dr. D. D. Vyas  
Dr. K. D. Ladva  
Dr. Datta Madamwar  
Dr. Samir K Vaidya  
Mr. Rahul Kalariya  
Mr. Jamanlal Usdad  
Ms. Raksha Bhatt  
Dr. Mahesh M Savant  
Mr. Khemendra Dattani  
Ms. Bhumika Zalavadia  
Mr. Mahesh Dhola  
Mr. Mihir Gajjar  
Mr. Indrajit Jadeja  
Dr. Ojas Suroo  
Dr. Nirav Vyas  
Dr. Hemant Sonkusare  
Ms. Tosal Bhalodia

Dr. Ashish M Kothari  
Dr. Manojkumar Sheladiya  
Dr. Dharmesh Pandya  
Mr. Darshan Jani  
Dr. Amit Rajdev  
Dr. Jayesh Zalavadiya  
Dr. Kevin Garala  
Dr. Krishna Joshi  
Dr. Pankaj Nariya  
Er. Ravi Tank  
Dr. Dipak J Dave  
Dr. Divyesh Gohel  
Dr. Yagnesh Shukla  
Dr. Vishal Khasgiwala  
Dr. Manhar Kagathara  
Mr. Pratik Munjani

## Faculty of Science

### UG Programs

- B.Sc. Biotechnology
- B.Sc. Microbiology
- B.Sc. Chemistry
- B.Sc. Industrial chemistry
- B.Sc. (Information Technology)
- B.Sc. Mathematics
- BCA
- B.Sc. Physics
- BCA (Industry Integ. program)

### PG Programs

- M.Sc. Biotechnology
- M.Sc. Microbiology
- M.Sc. Chemistry
- M.Sc. Industrial chemistry
- M.Sc. IT & CA
- M.Sc. Mathematics
- MCA

### PG-Diploma Programs

- Medical technology laboratory

## Faculty of Health Sciences

### UG Programs

- B.Pharm.

### PG Programs

- M.Pharm. (Pharmaceutics)

## Faculty of Humanities & Social Sciences

### UG Programs

- BA (English)

### PG Programs

- MA (English)

## Faculty of Business & Commerce

### UG Programs

- BBA
- BBA (Entrepreneurship and Family Business)
- B.Com.
- B.Com. (Professional Accounting)

### PG Programs

- MBA
- M.Com.

### Integrated Programs

- IMBA

## Faculty of Engineering & Technology

### UG Programs

- B.Tech. Civil Engineering
- B.Tech. Computer Engineering
- B.Tech. Electrical Engineering
- B.Tech. Computer Science and engineering
- B.Tech. Mechanical Engineering
- B.Tech. Information Technology

### PG Programs

- M.Tech. Civil engineering (transportation engineering)
- M.Tech. Computer engineering (software engineering)
- M.Tech. Electrical engineering (power electronics and electrical drives)
- M.Tech. Mechanical engineering (production)

Ph.D. Offered in All Programs

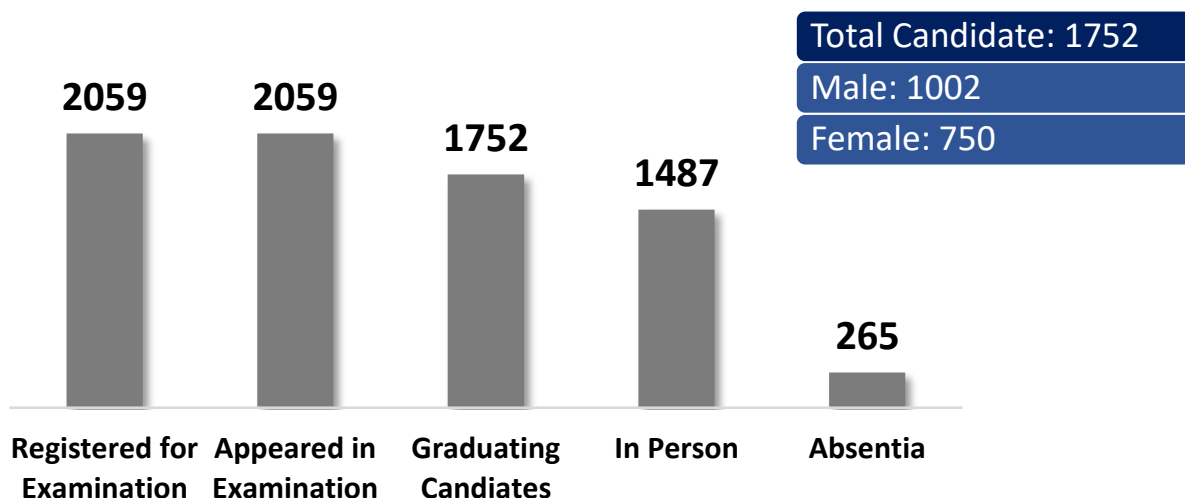


# 4<sup>th</sup> Convocation Year - 2024

## Graduating Stars of Atmiya University (Gold Medallists)

The 4<sup>th</sup> Convocation of Atmiya University was on 20-01-2024 (Saturday). The successful candidates of the following programs are eligible for conferment of Degrees.

- UG Program
- Integrated Program
- PG Programs
- Post Graduate Diploma Program
- Ph.D. Programs



## Faculty of Transformative Education – Honorary Doctorate Degree



**ATMIYA**  
**UNIVERSITY**



*Honouring*  
**Shri Ajaykumar Jain**  
**श्री अजयकुमार जैन**

विक्रम संवत् २०८०  
पौष शुक्ल दशमी | शनिवार



**आत्मीय**  
**विश्वविद्यालय**

**CITATION**

Shri Ajaykumar Jain (born 10<sup>th</sup> August 1969) has contributed significantly on development, integration and dissemination of human values based education in light of co-existential philosophy of Shri A. Nagrajji. With degree in Mechanical Engineering from Indian Institute of Technology Delhi and having more than 25 years of experience in internationally reputed companies, he has now completely devoted his work to humanize education and industries. The honorary Doctor of Philosophy degree of Atmiya University is conferred upon him for his exemplary contribution to drive and promote the human values focused education.

20<sup>th</sup> January, 2024

  
**Sadhu Tyagvallabhdas**  
President

**प्रशस्ति पत्र**

श्री अजयकुमार जैन (जन्म १० अगस्त, १९६९) ने श्रद्धेय श्री ए. नागराजजी द्वारा प्रतिपादित, मध्यस्थ दर्शन एवं सह-अस्तित्ववाद के प्रकाश में मानवीय मूल्यों पर आधारित शिक्षा के विकास, समावेश एवं प्रसार के क्षेत्र में सराहनीय योगदान दिया है। भारतीय प्रौद्योगिकी संस्थान, दिल्ली से यांत्रिक अभियांत्रिकी में स्नातक एवं अंतरराष्ट्रीय प्रतिष्ठित व्यवसायिक संगठनों में २५ वर्षों से अधिक के अनुभव के साथ उन्होंने शिक्षा और व्यवसाय के मानवीकरण हेतु अपने कार्य-जीवन को पूर्णतः समर्पित किया है। मानवीय मूल्यों पर आधारित शिक्षा के विकास एवं प्रसार हेतु किये गए आपके उदाहरणीय योगदान के लिए आपको आत्मीय विश्वविद्यालय की डॉक्टर ऑफ़ फिलॉसोफी की मानद उपाधि प्रदान की जाती है।

२० जनवरी, २०२४

  
**साधु त्यागवल्लभदास**  
अध्यक्ष

## 4<sup>th</sup> Convocation – Doctor of Philosophy

Name	Specialization
Teraiya Sagar Bhaishankarbhai	Biotechnology
Mashru Riya Rasikbhai	Microbiology
Jagani Bhavna Keshavbhai	Microbiology
Patel Shivani Dilipbhai	Microbiology
Jadeja Jaysinh Indrajitsinh	Chemistry
Desai Nirav Harshadbhai	Computer Science
Krupa Maheshbhai Chauhan	Commerce
Goti Krishna Pravinbhai	Commerce
Bakrania Tushti Prasantbhai	Management
Popat Keyurbhai Dilipbhai	Management
Tiwari Divyang Satendra	Management
Krupa Maheshbhai Chauhan	Commerce
Patel Monika Devrajbhai	Electrical Engineering
Baraiya Mehul Mohanbhai	Electronics & Communication Engineering
Dobaria Ankit Devjibhai	Electronics & Communication Engineering
Krupa Shantilal Dave	Electronics & Communication Engineering
Kinjal Ravi Sheth	Electronics & Communication Engineering



## 4<sup>th</sup> Convocation - Gold Medallists

### Faculty of Science (UG)

Name	Degree	CGPA
Tolani Anjali Narendra	B.Sc. Biotechnology	9.64
Parsaniya Freny Vikrambhai	B.Sc. Microbiology	9.35
Dodiya Dhruvkumar Raysinhbhai	B.Sc. Chemistry	9.51
Khunt Raj Pravinbhai	B.Sc. Industrial Chemistry	9.50
Dodiya Pooja Mahendrabhai	B.Sc. Physics	8.07
Solanki Kunal Atulbhai	B.C.A.	9.48
Mehta Vandit Hiteshbhai	B.Sc. I.T.	9.77

### Faculty of Science (PG)

Name	Degree	CGPA
Dhamdhere Avni Ruturaj	M.Sc. Biotechnology	9.52
Parmar Amisha Kamleshbhai	M.Sc. Microbiology	9.27
Thakrar Punit Bharat	M.Sc. Chemistry	9.26
Baldha Dixitkumar Ratilal	M.Sc. Industrial Chemistry	9.31
Daka Devanshi Narbheram	M.Sc. I.T. & C.A.	9.31
Vaishnani Ashmitaben Kantilal	M.Sc. Mathematics	9.48
Jogi Mansiben Bharatbhai	M.C.A.	9.70

### Faculty of Science (PG)

Name	Degree	CGPA
Vagadiya Arsiben Chandubhai	PG - DMLT	8.98

## 4<sup>th</sup> Convocation - Gold Medallists

### Faculty of Business & Commerce (UG)

Name	Degree	CGPA
Kothari Hetvi Chetankumar	B.B.A.	9.83
Gohil Harshrajsinh Dharmendrasinh	B.B.A. (Honors)	9.29
Mistry Aalap Jayaben	B.Com.	9.51
Pandya Krutagna Paresb	B.Com. (Logistics)	8.94
Vekariya Aksharkumar Dineshbhai	B.B.A. (EFB)	8.73

### Faculty of Business & Commerce (PG)

Name	Degree	CGPA
Jethani Kiran Arjunkumar	M.B.A.	9.09
Dhabaliya Drashti Anantbhai	M.Com.	9.94

### Faculty of Business & Commerce (Integrated)

Name	Degree	CGPA
Metaliya Niraj Dalpatbhai	Integrated M.B.A.	8.21





## 4<sup>th</sup> Convocation - Gold Medallists

### Faculty of Engineering & Technology (UG)

Name	Degree	CGPA
Bhalsod Harshad Rajeshbhai	B.Tech. Civil Engineering	9.08
Rank Megha Kishorkumar	B.Tech. Computer Engineering	9.79
Sapariya Kishan Chhaganbhai	B.Tech. Electrical Engineering	9.35
Patva Janvi Kamleshbhai	B.Tech. Information Technology	9.39
Patel Siddhesh Brijesh	B.Tech. Mechanical Engineering	8.51

### Faculty of Engineering & Technology (UG)

Name	Degree	CGPA
Vala Milap Vinodray	M.Tech. Civil Engineering	8.03
Solanki Hardik Vinodbhai	M.Tech. Mechanical Engineering (CAD/CAM)	7.89
Vegada Parasbhai Ghanshyambhai	M.Tech. Mechanical Engineering (Production)	8.74

### Faculty of Health Sciences (UG)

Name	Degree	CGPA
Vyas Shreya Hareshbhai	Bachelor of Pharmacy	9.29

### Faculty of Humanities & Social Sciences (UG)

Name	Degree	CGPA
Mehta Parisha Mehul	Bachelor of Arts	9.01



Sr.	Name	Organisation	Address of the organization
1	Prof. V N Rajasekharan Pillai	Hon. VC, Somaiya Vidyavihar University	Mumbai, India
2	Dr. Rohitkumar N. Desai	Hon. VC, HNG University	Patan, India
3	Prof. William John Senkondo	Vice chancellor, Mzumbe University	Tanzania
4	Prof. Natarajan Muthusamy	Professor, The Ohio State University	Ohio, USA
5	Dr. Sunil Shukla	Entrepreneurship Development Institute of India	India
6	Dr. Ernst von Kimakowitz	University of Lucerne	Geneva
7	Prof. Sudhirkumar Barai	Birla Institute of Technology & Science (Pilani)	Pilani, India
8	Prof. K. B. Gudasi	Karnataka University	Karnataka, India
9	Dr. O. P. Goel	BOSCH India Foundation	India
10	Dr. Kamlesh Joshipura	Legal Research Foundation	India
11	Dr. Inderpreet Kaur	Rayat Bahra University	Punjab, India
12	Prof. Rakesh K. Mudgal	D. Y. Patil University	Pune, India
13	Prof. (Dr.) Wolfgang Amann	H.E.C. Paris	Doha
14	Dr. T. Devi	Bharathiar University	Mumbai, India
15	Dr. Deepmala Baghel	Indian Institute of Management	India

## Prominent Visitors & Guests



Sr.	Name	Organisation	Address of the organization
16	Dr. Pooran Chandra Pandey	Taiwan Foundation for Democracy	Taiwan
17	Shri Chittaranjan Sarangi	Tapobhumi Trust	India
18	Dr. Srinivasan R. Iyengar	Jamnalal Bajaj Institute of Management Studies	India
19	Dr. Ivan Ureta	University of Applied Science & Arts of Southern Switzerland	Switzerland
20	Dr. Ajay Jain	Entrepreneur & Social Activist	India
21	Dr. Radha Sharma	New Delhi Institute of Management	New Delhi, India
22	Dr. Sasmita Samanta	Sustainable Outreach & Universal Leadership Limited	India
23	Mr. Deepak Dwivedi	Blitz India Media	India
24	Mr. Sandeep Saxena	SDG Chaupal	India
25	Ms. Sara Wurzer	University of Innsbruck	Austria
26	Dr. Satyabhusan Dash	Indian Institute of Management (Lucknow)	Lucknow, India
27	Dr. Vartika Chaturvedi	I business Institute	India
28	Dr. Haresh Bhatt	Former Scientist – ISRO	India
29	Dr. Anastasia Kiritsi	Sustainability Researcher & University Lecturer	Germany & UK
30	Dr. Niranjana Vanalli	Vice Chancellor - Bengaluru North University	Bengaluru, India
31	Prof. Raja Prabhu R	GITAM University	GITAM University.

# Development & Achievements



# Faculty of Science





Faculty of Science

Sr.	Details	Summary
1	Guest Lectures	08
2	Workshops	04
3	Events	20
4	Collaboration	15
5	Faculty Achievements	88
6	Research Publication	81
7	Patents	16



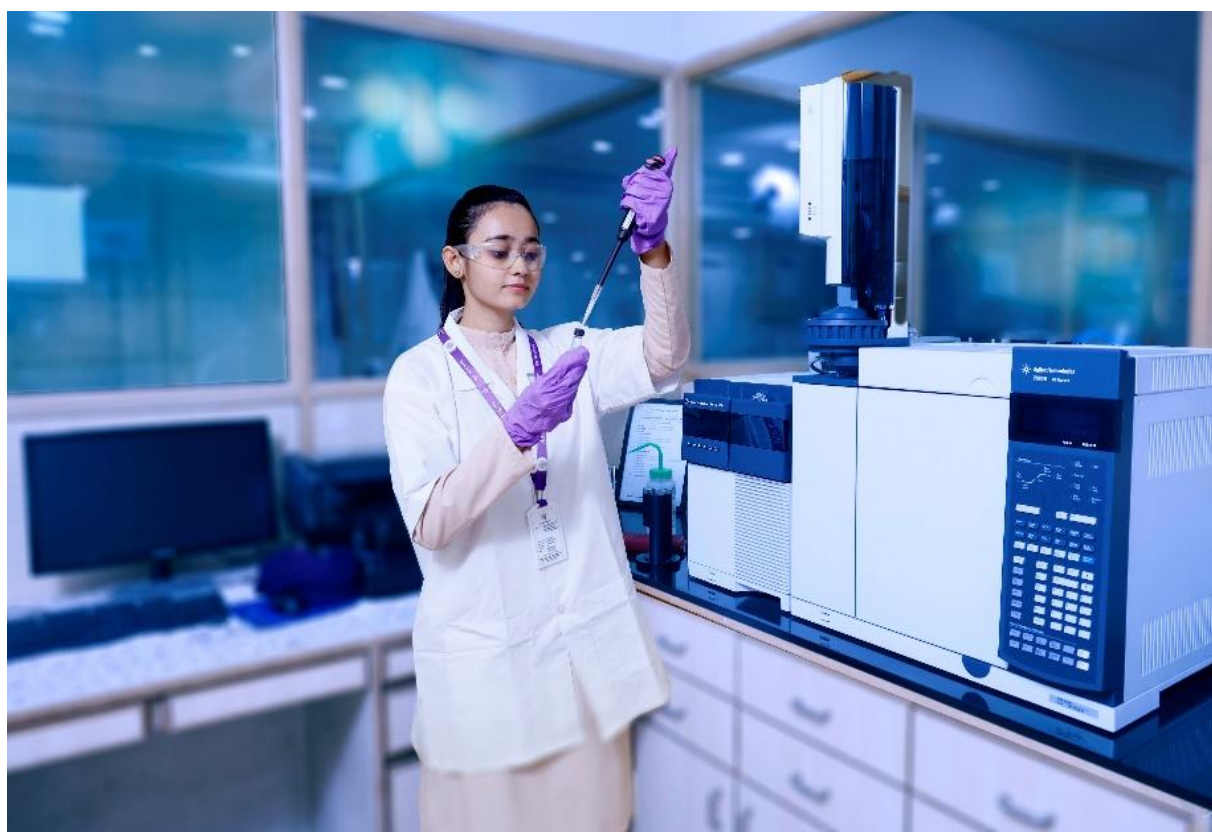
## Guest Lectures

Sr.	Department	Title	Participants
1.	Microbiology	Environmental Bioremediation Strategy of Groundwater by Dr. Dhwani Upadhyay	88
2.	Biotechnology	Quality Management and Elements of Quality Assurance by Mrs. Hepshiba Jobin	49
3.	Microbiology	Career opportunities in Microbiology by Professor Arun Kharat	145
4.	Chemistry	Identification of Polymer by Dr. Suresh Koradiya	41
5.	Chemistry	Identification of Polymer by Dr. Suresh Koradiya	41
6.	Microbiology	Diversity and Importance of Agriculturally Important Microbes: A Special Reference to Microbial Biopesticides	80
7.	Biotechnology	Unravelling Biotech: Exploring the Trends from India to Britain by Mr. Faizaan Noyda	110
8.	Microbiology	Future Aspects in Industrial Microbiology by Dr. Tejal Gajeria, Navrachana University, Vadodara	133



## Workshops

Sr.	Department	Title	Participants
1.	Industrial Chemistry	World Water Day	18
2.	Microbiology	Phlebotomy	22
3.	Microbiology	Enzyme Assay & Kinetics	31
4.	Microbiology	Phlebotomy	22



## Events

Sr.	Department	Title	Participants
1.	Chemistry	Teacher's day Celebration	29
2.	Chemistry	Teacher's day Celebration	29
3.	Microbiology	Industrial Microbiology	150
4.	Microbiology	Exploration of Agriculturally Important Microbes - Facts & Factuals	75
5.	Microbiology	Industrial Microbiology	150
6.	Microbiology	Exploration of Agriculturally Important Microbes - Facts & Factuals	75
7.	Industrial Chemistry	Creation of Instructional Video Content	20
8.	Chemistry	Preparations for Personal Interview	34
9.	Biotechnology	कृतज्ञता 3.0	400



## Collaborations

Sr.	Department	Title	Participants
1.	Biotechnology	VASUNDHARA International film festival	212
2.	Microbiology	Food Feasta 2024	86
3.	Microbiology	Food Feasta 2024	86
4.	Biotechnology	Fishpa Biogenics, Rajkot	27
5.	Microbiology	International Pharma Tech & Lab Tech Expo	22
6.	Microbiology	Life Blood Centre, Rajkot	21
7.	Microbiology	Gopal Dairy, Rajkot	131
8.	Microbiology	International Pharma Tech & Lab Tech Expo	22
9.	Microbiology	Life Blood Centre, Rajkot	21
10.	Microbiology	Gopal Dairy, Rajkot	131
11.	Microbiology	Raiya Sewage treatment plant, Raiya Village , Near Munjka, Rajkot outskirts	45
12.	Biotechnology	Rajkot Municipal Corporation Sewage Treatment Plant	23
13.	Biotechnology	Rajkot District Co-operative Milk Producers' Union Ltd	21
14.	Microbiology	Amul Dairy, Anand	35
15.	Microbiology	Amul Dairy, Anand	35



## Faculty Achievements

Sr.	Department	Name	Title	Level
1.	Physics	Ms. Hepi K. Ladani	2 <sup>nd</sup> Rank, Best Poster Presentation in 14 <sup>th</sup> National Science Symposium	National
2.	Industrial Chemistry	Dr. Govind Vagadiya	Kirloskar Vasundhara Green Campus Clean Campus Award	National
3.	Industrial Chemistry	Mr. Ravi Tank	Grammar Crammer E-Quiz 71	State
4.	Biotechnology	Dr. Nutan Vishwakarma	Bioinformatics	State
5.	Biotechnology	Dr. Praveen Gupta	Protein Biochemistry	State
6.	Biotechnology	Dr. Nutan Vishwakarma	Basic Bioinformatics	State
7.	Biotechnology	Dr. Praveen Gupta	Cytoskeleton	State
8.	Industrial Chemistry	Ravi S. Tank	Workshop for Government & Gran in aid Colleges for NAAC Preparation	National
9.	Chemistry	Dr Mayur Shiyal	Disconnection Approach Studies	Regional
10.	Chemistry	Dr. Satishkumar Tala	International collaboration for the Screening of a Research Compounds at Community for Open Antimicrobial Drug Discovery (CO-ADD)	International
11.	Industrial Chemistry	Mr. Ravi Tank	NAAC Preparation & Procedure	University
12.	Industrial Chemistry	Dr. Govind Vagadiya	Petroleum & Petrochemical Analysis	State
13.	Computer Sci. & IT	Dr. Ripal Ranpara	Multimedia data recovery from digital devices	International
14.	Biotechnology	Dr. Praveen Gupta	Open Access Publication and Initiatives & Sherpa/Romeo Online Resource to Check Publisher Copyright and Self Archiving Policies	University
15.	Biotechnology	Dr. Debashis Banerjee	Journal	International

## Faculty Achievements

Sr.	Department	Name	Title	Level
16.	Biotechnology	Dr. Debashis Banerjee	CANGARU Global Cross-Discipline Delphi Consensus Survey' for the Ethical Use of Generative AI (GAI), GPTs, and Large Language Models (LLMs) in Academia	International
17.	Computer Sci. & IT	Dr. Ripal Ranpara	Journal	International
18.	Industrial Chemistry	Mr. Ravi Tank	NAAC IIQA Preparation & Submission	State
19.	Biotechnology	Dr. Praveen Gupta	Nature of Protein conformation	State
20.	Computer Application	Mr. Anand Tank	Reviewing Research Paper in Conference	International
21.	Computer Sci. & IT	Dr. Jaydeep Ramani	Technical Program Committee Member & Reviewer	International
22.	Microbiology	Dr. Mousumi Das	Reviewing Research Paper in Journal	International
23.	Computer Application	Ms. Nehal Dave	Data Science with Python	International
24.	Industrial Chemistry	Ravi S Tank	National level virtual conference (multidisciplinary)	National
25.	Physics	Hepi K. Ladani	To Study Effect of Glycine on some properties of pure ADP crystal	International
26.	Physics	Dr. Nikunj Pandya	IPA Young Physics Meet	National
27.	Computer Sci. & IT	Ms. Priyal Chhatrala	Introduction to Artificial Intelligence (AI)	International
28.	Computer Application	Dr. Priti Sadaria	Python Essentials_1	International
29.	Computer Sci. & IT	Ms. Priyal Chhatrala	Ethics	International
30.	Computer Sci. & IT	Dr. Rupal Kachalia	Data Analytics with Specialization in Tableau	International

## Faculty Achievements

Sr.	Department	Name	Title	Level
31.	Computer Sci. & IT	Dr. Rupal Kachalia	Turbo Charged LinkedIn	International
32.	Computer Application	Dr. Jignesh Hirpara	Aurelia JS	International
33.	Computer Sci. & IT	Ms. Priyal Chhatrala	Authorship	International
34	Computer Application	Mr. Anand Tank	Android Application Development	International
35	Computer Application	Mr. Anand Tank	Java Programming for Beginners: A-Z Java Fundamentals	International
36	Computer Application	Dr. Priti Sadaria, Ms. Nehal Dave	Data Visualization using Tableau	International
37	Computer Application	Mr. Anand Tank	Mobile App Development - Android App Development for Beginner	International
38	Computer Application	Dr. Jignesh Hirpara, Mr. Abhishek Teraiya	PYTHON	International
39	Industrial Chemistry	Dr. Govind Vagadiya	Outcome Based Education	National
40	Computer Sci. & IT	Dr. Ripal Ranpara	Composite Materials-Metal Matrix	National
41	Computer Sci. & IT	Dr. Ripal Ranpara	Computing & Signal Processing in IOT Application	International
42	Computer Sci. & IT	Dr. Ripal Ranpara	International E-Conference on Changing Scenario of Management, Science & Technology	International
43	Computer Sci. & IT	Dr. Ripal Ranpara	Linux	University
44	Computer Sci. & IT	Dr. Ripal Ranpara	ProQuest Webinar	International
45	Computer Application	Ms. Madhuri Barchha	AI in HealthCare	International

## Faculty Achievements

Sr.	Department	Name	Title	Level
46	Computer Application	Ms. Madhuri Barchha	Effect of Generative AI in Modern Research Industry	International
47	Computer Sci. & IT	Ms. Vaidehiba Vaghela, Ms. Saloni Chauhan, Ms. Madhuri Barchha	How to write a Technical Paper for Publication with IEEE	Regional
48	Computer Sci. & IT	Ms. Vaidehiba Vaghela	Sustainability and Sustainable Development Goals	National
49	Computer Sci. & IT, Computer Application	Dr. Falguni Parsana, Dr. Rupal Kachalia	Empowering Academic Success: Leveraging Modern AI Tools, Understanding DOIs and Navigating Google Scholar Indexing	International
50	Computer Sci. & IT	Ms. Saloni Chauhan	AI Tools and Advanced Excel for Enhancing Paper Writing and Project report.	National
51	Computer Sci. & IT, Computer Application	Ms. Vaidehiba Vaghela, Ms. Madhuri Barchha	Research Methodology	National
52	Computer Sci. & IT	Ms. Seema Doshi	Introduction to Artificial Intelligence	International
53	Computer Application	Ms. Jhanvi Rajyaguru	Hierarchical Clustering	International
54	Computer Sci. & IT	Ms. Payal Malaviya	Microsoft Copilot	International
55	Computer Application	Ms. Jhanvi Rajyaguru	Bagging and Boosting	International
56	Computer Application	Ms. Jhanvi Rajyaguru	Decision Tree	International
57	Computer Application	Ms. Jhanvi Rajyaguru	Predictive Analytics	International
58	Computer Application	Ms. Jhanvi Rajyaguru	Supervised Machine Learning Tutorial	International
59	Microbiology	Ms. Leena Sheth	NEP 2020 Orientation and sensitization programme	International
60	Microbiology	Ms. Dimple Kachhadiya	STTP on NEP 2020 Orientation & Sensitization Programme	International

## Faculty Achievements

Sr.	Department	Name	Title	Level
61	Computer Sci. & IT	Ms. Priyal Chhatrala	Introduction to Numpy	International
62	Computer Application	Ms. Jhanvi Rajyaguru	Deep Learning with PyTorch : Generative Adversarial Network	International
63	Computer Sci. & IT	Ms. Saloni Chauhan	Tools of the Trade: Linux and SQL	International
64	Computer Sci. & IT	Ms. Priyal Chhatrala	Natural Language Processing (NLP) and Text Mining Tutorial for Beginners	International
65	Computer Sci. & IT	Ms. Falguni Barad	Python Bootcamp: "Learn, Code, Excel"	International
66	Computer Application	Ms. Ekta Ratanghayara	Artificial Intelligence Beginners Guide : What is AI?	International
67	Computer Application	Ms. Ekta Ratanghayara	Python Libraries for Data Science	International
68	Computer Sci. & IT	Ms. Falguni Barad	Natural Language Processing (NLP) and Text Mining Tutorial for Beginners	International
69	Computer Sci. & IT	Ms. Priyal Chhatrala	Data Structure in C	International
70	Computer Application	Dr. Disha Ganatra	Build an Automated Landing page using AI from Wix ADI	International
71	Computer Application	Ms. Dharmishtha Makwana	Empowering Educators in AI and IoT	International
72	Computer Application	Ms. Dharmishtha Makwana	Cloud Architect	State
73	Computer Sci. & IT	Ms. Priyal Chhatrala	Deep Learning	International
74	Computer Application	Ms. Madhuri Barchha	Become a Machine Learning Expert : Introduction to MATLA	International
75	Computer Application	Ms. Madhuri Barchha	ChatGPT for Python	International

## Faculty Achievements

Sr.	Department	Name	Title	Level
76	Computer Sci. & IT	Ms. Saloni Chauhan	Advance Cyber Security - Threats and Governance	International
77	Computer Sci. & IT	Ms. Falguni Barad	Deep learning - for beginners	International
78	Computer Application	Ms. Madhuri Barchha	AI Fundamentals: Enhance productivity using Microsoft Copilot	International
79	Computer Application	Ms. Sheetal Dave	Python Libraries for Data Science	International
80	Computer Application	Ms. Madhuri Barchha	Basics of Web Scraping with Beautiful Soup for Beginners	International
81	Computer Sci. & IT	Ms. Payal Malaviya	Introduction to AI	International
82	Computer Application	Dr. Priti Sadaria, Ms. Nehal Dave	Getting Started with Machine Learning Algorithms	International
83	Computer Application	Ms. Dharmishtha Makwana	Cloud Collaboration: Unlocking Google Drive with AI Seminar	Regional
84	Computer Sci. & IT	Ms. Payal Malaviya	Cloud Collaboration: Unlocking Google Drive with AI Seminar	Regional
85	Microbiology	Dr. Rohan Pandya	Fellowship Opportunities	State
86	Biotechnology	Dr. Preetam Shanker	Science and Art of writing Research papers	University
87	Biotechnology	Dr. Preetam Shanker	Research Integrity and Plagiarism	University
88	Biotechnology	Dr. Preetam Shanker	Research Integrity and Plagiarism	University



## Research Publication

Sr.	Department	Name	Title	Details Indexing
1.	Chemistry	Dr. Neha Baku	Synthesis and Study of Mesomorphic Properties of Liquid Crystalline Compounds Involving Lateral -OCH <sub>3</sub> Group and Vinyl Carboxylate Central Linkage	Peer - Reviewed
2.	Computer Application	Mr. Jignesh Hirpara	Exploring the Diverse Applications of Deep Learning Across Multiple Domains	UGC Care, SCOPUS
3	Computer Sci. & IT	Dr. Hiren Kavathiya	Voice Recognition for Gujarati Dialects: An in-depth Survey	Peer - Reviewed
4	Chemistry	Dr. Bhavin Dhaduk	Stability Indicating RP-UPLC Method for the Quantitative Determination of Degradation Impurities of Benidipine Hydrochloride & Metoprolol Succinate in Combined Dosage Form	UGC Care, SCOPUS
5	Biotechnology	Dr. Debashis Banerjee	'Prevalence of Antimicrobial Resistance in Saurashtra, Gujarat and Implications Toward Sustainable Healthcare'	UGC Care, SCOPUS
6	Chemistry	Dr. Anilkumar Patel	High-performance thin-layer chromatography? spectrodensitometric determination of diltiazem hydrochloride and its commonly occurring degradation impurity	UGC Care, Scopus
7	Biotechnology	Dr. Nutan Vishwakarma	A Prospective Study on the Management of Nutritional and Metabolic Problems Following Bariatric Surgery	UGC Care, Scopus
8	Biotechnology	Dr. Nutan Vishwakarma	A Review on the Management of Nutritional and Metabolic Problems Following Bariatric Surgery	UGC Care, Scopus
9	Chemistry	Dr. Anilkumar Patel	Synthesis, anticancer evaluation and in silico studies of novel N-substituted arylidenethiazolidine-2,4-dione derivatives as adenosine monophosphate-activated protein kinase activators	UGC Care, Scopus
10	Chemistry	Dr. Bhavinbhai Dhaduk	Insight studies on the deactivation of sulphuric acid regeneration catalyst	UGC Care, Scopus
11.	Microbiology	Dr. Krishna Joshi, Dr. Vivek Pattani	Amelioration of growth of maize (Zea mays L.) seedling using plant growth promoting bacteria	UGC Care, Scopus

## Research Publication

Sr.	Department	Name	Title	Details Indexing
12	Chemistry	Dr. Anilkumar Patel, Dr. Mahesh Savant	Synthesis, In Vitro Antimalarial Evaluation, ADMET Properties, and Molecular Docking Studies of Novel Thiazolo [3,2-a]pyrimidine Derivatives	UGC Care, SCOPUS
13	Chemistry	Dr. Sanjay Hadiyal	Synthesis of 8-methyl-2-phenylquinazolin-4(3H)-ones derived Schiff's bases: spectroscopic properties, SAR, docking approaches and their anticancer and antimicrobial activity	UGC Care, SCOPUS
14	Computer Application	Dr. Haresh Khachariya	An Evaluation of The Func. of Info. & Commu. Technologies In The Spread Of Tech. Knowledge; An Employee Centered Analysis	UGC Care, SCOPUS
15	Computer Sci. & IT	Dr. Jaydeep Ramani, Dr. Jayesh Zalavadia	Calorie Measurement and Food Recognition Using Machine Learning	-
16	Computer Sci. & IT	Dr. Jaydeep Ramani	The Applications, Impact and Future of Blockchain Technology in Agriculture	-
17	Mathematics	Mr. Manoharsinh Jadeja	A Study on Vertex Eccentricity Labeled Energy of a Graph	UGC Care, SCOPUS
18	Microbiology	Ms. Dimple Kachhadiya	Marine Microorganisms as Potential Source of Quorum-Sensing Inhibitory Compounds	UGC Care, SCOPUS
19	Biotechnology	Dr. Preetam Joshi	Overcoming Challenges in DNA Extractions from Triphala Ingredients: A Way Forward for Optimization of Conventional and Digital PCR Assays for Molecular Authentication	UGC Care, SCOPUS
20	Biotechnology	Dr. Preetam Joshi	Advancing Herbal Product Authentication: A Comprehensive Review Of DNA-Based Approach for Quality Control and Safety Assurance	UGC Care, SCOPUS
21	Chemistry	Dr. Anilkumar Patel	Synthesis, antidiabetic activity and in silico studies of benzo[b]thiophene based small molecule $\alpha$ -amylase inhibitors	UGC Care, SCOPUS
22	Computer Application	Dr. Priyank Doshi	Gujarati handwritten character and modifiers recognition using deep hybrid classifier	UGC Care, SCOPUS

## Research Publication

Sr.	Department	Name	Title	Details Indexing
23	Computer Application	Dr. Priti Sadaria	Leveraging Hadoop and Machine Learning Techniques In The Healthcare Industry	UGC Care, SCOPUS
24	Computer Application	Ms. Nehal Dave, Dr. Hiren Kavathiya	Enhancing Education for Undergraduate Students of Computer Science through Mentoring: A Big Data Analytics Approach	UGC Care, SCOPUS
25	Computer Application	Ms. Meerababen Shah, Dr. Hiren Kavathiya	Exploring Speech Corpus for Voice Recognition in Gujarati: An In-Depth Study	UGC Care, SCOPUS
26	Computer Sci. & IT	Dr. Hiren Kavathiya	Data Mining of Educational Data in Government Distance Learning	UGC Care, SCOPUS
27	Microbiology	Dr. Mousumi Das	Actinomycetes as a Possible Source of Bioremediation of Heavy Metal Cadmium from Contaminated Soil	UGC Care, SCOPUS
28	Microbiology	Dr. Mousumi Das	Effect of Siderophore Producing Cadmium Tolerant Streptomyces pactum OR958669 on Plant Growth of Groundnut (Arachis hypogaea L.)	UGC Care,
29	Microbiology	Dr. Hitarth Bhatt	Editorial: Extremozymes: characteristics, structure, protein engineering and applications	UGC Care, SCOPUS
30	Microbiology	Ms. Dimple Kachhadiya	In Silico Based Identification Of Novel Inhibitors For Selected MDR Protein From Shigella Species: A Validation Through Molecular Docking Analysis	SCOPUS
31	Physics	Dr. Dipak Dave	Dielectric Spectroscopic Studies of Pure and Ionic Substituted Calcium Pyrophosphate Dihydrate Nano-particles	UGC Care, SCOPUS
32	Physics	Dr. Dipak J. Dave, Dr. Nikunj D. Pandya	Dielectric Spectroscopic Studies of Pure and Ionic Substituted Calcium Pyrophosphate Dihydrate Nano-particles	UGC Care, SCOPUS
33	Biotechnology	Dr. Nutan Vishwakarma	Synthesis, characterization, biological evaluation and molecular docking study of some novel phenoxy methyl linked 1,2,3-triazole derivatives bridged with amide functionalities via 'click chemistry' approach	UGC Care, SCOPUS

## Research Publication

Sr.	Department	Name	Title	Details Indexing
34	Chemistry	Dr. Satishkumar Tala	Synthesis, anti-microbial evaluation and in silico studies of novel quinoline-isoxazole hybrids	UGC Care, SCOPUS
35	Chemistry	Dr. Anilkumar Patel	Indole–thiazolidinedione–triazole hybrids: synthesis, molecular docking, absorption, distribution, metabolism and excretion (ADME) profiling, and biological evaluation as a-amylase inhibitors	UGC Care, SCOPUS
36	Microbiology	Dr. Vaishali Majithiya	Agro-industrial Waste Utilization, Medium Optimization, and Immobilization of Economically Feasible Halo-Alkaline Protease Produced by Nocardiosis dassonvillei Strain VCS-4	UGC Care, SCOPUS
37	Chemistry	Deep P. Mandir, Shivani D. Mandir and Dr. Satishkumar D. Tala	Synthesis, anti-microbial evaluation and in silico studies of novel quinoline-isoxazole hybrids	UGC Care, SCOPUS, WoS
38	Biotechnology	Dr. Ragini Raghav	“Seed priming with zinc oxide nanoparticles and plant growth-promoting rhizobacteria to enhance the seedling development of Fenugreek	UGC Care, SCOPUS
39	Biotechnology	Dr. Ragini Raghav	Stimulation of Plant Growth Promoting Rhizobacteria with ZnO Nanoparticles to improve growth and development of Groundnut plants (Arachis hypogaea L.)	UGC Care, SCOPUS
40	Computer Application	Dr. Falguni Parsana	Strategies for Effective Implementation of Palmistry	UGC Care, SCOPUS
41	Computer Application	Ms. Jhanvi Rajyaguru	Strategies for Effective Implementation of Palmistry	UGC Care, SCOPUS
42	Physics	Ms. Hepi K. Ladani	Elemental, Structural and Thermal Studies of Pure and Glycine Doped ADP crystal	-
43	Physics	Ms. Hepi K. Ladani	Complex Impedance and Modulus Spectroscopic Analysis of Pure and Proline doped Lithium Dihydrogen Phosphate Crystals	-
44	Chemistry	Dr. Pankajkumar Nariya	An improved process for synthesis of Gliclazide	AICTE & CSIR

## Research Publication

Sr.	Department	Name	Title	Details Indexing
45	Chemistry	Dr. Satishkumar Tala	Synthesis, Composition, Production, and Analysis of Anticancer Agents based on Nitrogen Mustard	AICTE & CSIR
46	Computer Application	Dr. Priyank Doshi	MI & DI Approach For Handwritten Character Recognition For Gujarati Characters	AICTE & CSIR
47	Computer Application	Dr. Priyank Doshi	A Comprehensive Analysis of Real-World Security Risk In Iot Devices	AICTE & CSIR
48	Computer Application, Computer Sci. & IT	Dr. Priti Sadaria, Dr. Rupal Kachalia	Leveraging Hadoop and Machine Learning Techniques in the Healthcare Industry	AICTE & CSIR
49	Computer Application	Dr. Priti Sadaria	E-learning for Entrepreneurship Education : Fostering Business Skills and Start-up Mindset	AICTE & CSIR
50	Computer Application	Dr. Priti Sadaria	Innovation in E-learning : From Past Evolution to Current Trends	AICTE & CSIR
51	Computer Application, Computer Sci. & IT	Ms. Nehal Dave, Dr. Hiren Kavathiya	Enhancing Education for Undergraduate Students of Computer Science through Mentoring : A Big Data Analytics Approach	AICTE & CSIR
52	Computer Application	Dr. Jignesh Hirpara	FMGC Product Sale Forecasting Using Data Mining Techniques	AICTE & CSIR
53	Computer Application	Mr. Anand Tank	Sentiment Analysis on Twitter Tweets in Gujarati Language By Machine Learning	AICTE & CSIR
54	Computer Application	Ms. Madhuri Barchha	Analyzing the Efficacy of Artificial Intelligence in Simplifying Travel Recommendation Systems: A Comprehensive Review	AICTE & CSIR
55	Computer Application	Ms. Janvi Kular	Satelite Image Classification Using Convolutional Neural Network: A Review	AICTE & CSIR

## Research Publication

Sr.	Department	Name	Title	Details Indexing
56	Computer Application	Ms. Jhanvi Rajyaguru	Comparison on Detecting Element Using Palmistry Algorithm in Image Processing	AICTE & CSIR
57	Computer Sci. & IT, Information Technology	Dr. Hiren Kavathiya, Mr. Milan Gohel	Analysis of Algorithms for High Utility Item Set Mining	AICTE & CSIR
58	Computer Sci. & IT	Dr. Hiren Kavathiya	Exploring Speech Corpus for Voice Recognition in Gujarati: An In-depth Study	AICTE & CSIR
59	Computer Sci. & IT	Dr. Hiren Kavathiya	Data Mining Of Educational Data In Government Distance Learning	AICTE & CSIR
60	Computer Sci. & IT	Dr. Divyesh Gohel	Analyzing User-Based and Item-Based Recommender Systems: A Comparative Examination	AICTE & CSIR
61	Computer Sci. & IT	Dr. Rupal Kachalia	Analysis and Review of Methodology for sentiment analysis	AICTE & CSIR
62	Physics	Mr. Nikunj Pandya	Growth of Potassium Di-hydrogen Citrate (KDC) Crystals and a brief review on its application in biomedical and food technology	AICTE & CSIR
63	Computer Sci. & IT	Ms. Saloni Chauhan	A detailed study of cyber security and blockchain technology for robust security - decentralized environment	-
64	Microbiology	Dr. Bhargav Waghela	Detection of $\beta$ -lactamase gene using Polymerase Chain Reaction method	-
65	Computer Application	Dr. Priti Sadaria, Dr. Rupal Kachalia	An Analysis of Machine Learning Approaches for Diabetic Prediction	-
66	Computer Application	Dr. Rupal Kachalia, Dr. Priti Sadaria	The Implication of Computational Thinking in Higher Education: Challenges and Opportunities	-

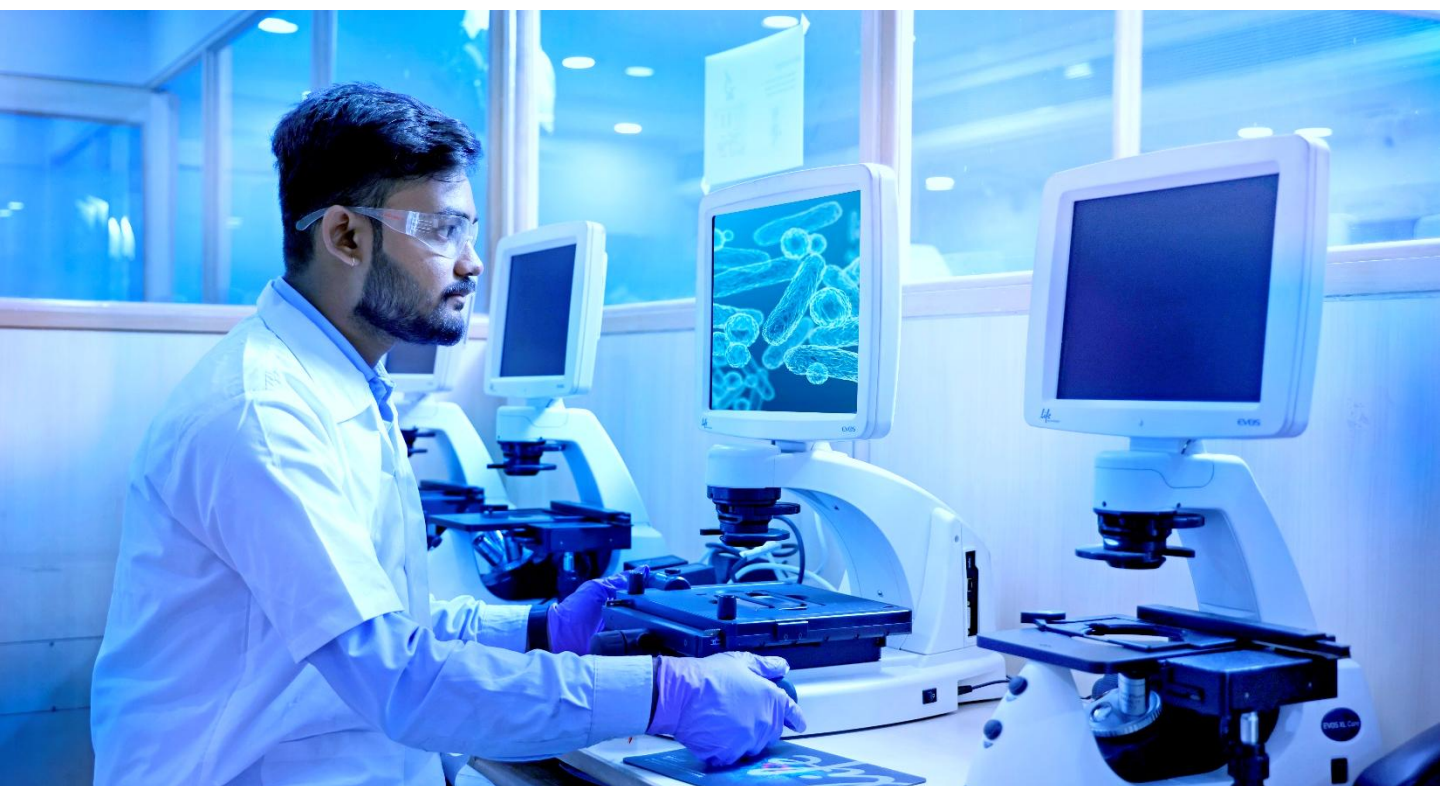


## Research Publication

Sr.	Department	Name	Title	Details Indexing
67	Computer Application	Ms. Vaishali Vaghela, Dr. Falguni Parsana	Deep Learning in Healthcare: A Systematic Analytical Review	-
68	Computer Application	Ms. Nehal Dave, Dr. Hiren Kavathiya	A Research Study on Role of a Mentor In Personal Growth of Undergraduate Students	-
69	Computer Application	Ms. Meerababen Shah	Advancements in Speaker Recognition: A Comprehensive Review of Techniques, Challenges, and Future Directions"	-
70	Microbiology	Ms. Leena Sheth , Dr. Bhargav Waghela	Deciphering An Antimicrobial Effects of Medicinal Plants Extracts against $\beta$ -lactamase Containing E.coli	-
71	Microbiology	Dr. Bhargav Waghela	Targeting potent AMR genes using chemical entities: an in-silico approach	-
72	Microbiology	Dr. Bhargav Waghela	Inquest of Therapeutics against Antimicrobial Resistant Pathogens	-
73	Biotechnology	Dr. Ragini Raghav, Dr. Shweta Bhatt	Screening of Potential Rhizobacteria for Induction and Promotion of Plant Growth Isolated from Fenugreek (Trigonella foenum-graecum) Rhizospheric Soil Native to Gujarat, India	-
74	Biotechnology	Dr. Shweta Bhatt, Dr. Ragini Raghav	Plant Growth Promoting Rhizobacteria as an Effective Bioinoculant to Enhance the Growth of Groundnut (Arachis hypogeal L.)	-
75	Microbiology	Ms. Dimple Kachhadiya	Marine Microorganisms as potential source of Quorum Sensing Inhibitory Compounds	-
76	Biotechnology	Dr. Preetam Shanker	Liquid culture system for sustainable micropropagation	NA
77	Microbiology	Dr. Mousumi Das	Exploring and analysis of plastic degrading microflora by NGS using Bioinformatics Tools	CSIR, India and Microbiologist Society , India

## Research Publication

Sr.	Department	Name	Title	Details Indexing
78	Computer Application	Ms. Madhuri Barchha	Analyzing the Impact of Social Media Dynamics through Sentiment Analysis: A Case Study on Influencer-generated Content and Response on Recommendation Systems amidst the Lakshadweep-Maldives Situation"	IEEE
79	Computer Sci. & IT	Ms. Priyal Chhatrala	"A Comparative Study of a Hybrid Recommender System Merging Collaborative and Content-Based Strategies for Nutritional Tailoring in Children"	IEEE
80	Computer Sci. & IT	Ms. Saloni Chauhan	A Proposed MalwareNexus Framework for Cybersecurity Using File Metadata Analysis and Machine Learning for Malware Detection	IEEE Bombay Section
81	Biotechnology	Dr. Debashis Banerjee	Four research abstracts selected for paper submission	ATMIYA UNIVERSITY



## Patents (Cumulative)

Sr.	Department	Name	Title	Patent Number
1	Biotechnology	Dr. Neha Patel	Plant Extract Analysing Device to Identify Disease	6343244
2	Chemistry	Dr. Mahesh Savant, Dr. Anilkumar Patel	Highly fictionalized novel thiophene heterocycles and their anticancer activity	2024210054 23A
3	Chemistry	Dr. Satishkumar Tala	Novel Quinoline Derivatives Containing Substituted Oxadiazole As An Anticancer Agent	2023210869 30A
4	Biotechnology	Dr. Anmol Kumar	Polyherbal Ayurvedic Formulation for Diabetic Wound Healing	2024210391 80 A
5	Microbiology	Ms. Shivani Tank	Polyherbal Ayurvedic Formulation for Diabetic Wound Healing	2024210391 80 A
6	Microbiology	Dr. Mousumi Das	Air sampler	421306-001
7	Microbiology	Dr. Chitra Bhattacharya	Nanoparticle Synthesis Apparatus for Liquid Waste Treatment	425643-001
8	Microbiology	Dr. Abhijeet Joshi	Skin Microbiome Analyzer Device	424477-001
9	Biotechnology	Dr. Neha Patel	Plant Extract Analysing Device to Identify Disease	6343244
10	Chemistry	Dr. Mahesh Savant, Dr. Anilkumar Patel	Highly fictionalized novel thiophene heterocycles and their anticancer activity	2024210054 23A
11	Chemistry	Dr. Satishkumar Tala	Novel Quinoline Derivatives Containing Substituted Oxadiazole As An Anticancer Agent	2.02321E+11
12	Biotechnology	Dr. Anmol Kumar	Polyherbal Ayurvedic Formulation for Diabetic Wound Healing	2024210391 80 A
13	Microbiology	Ms. Shivani Tank	Polyherbal Ayurvedic Formulation for Diabetic Wound Healing	2024210391 80 A
14	Microbiology	Dr. Mousumi Das	Air sampler	421306-001
15	Microbiology	Dr. Chitra Bhattacharya	Nanoparticle Synthesis Apparatus for Liquid Waste Treatment	425643-001
16	Microbiology	Dr. Abhijeet Joshi	Skin Microbiome Analyzer Device	424477-001



# **Faculty of Business & Commerce**



## Faculty of Business & Commerce

Sr.	Details	Summary
1	Guest Lectures	08
2	Workshops	04
3	Events	20
4	Collaboration	15
5	Faculty Achievements	88
6	Research Publication	81
7	Patents	16



## Guest Lectures

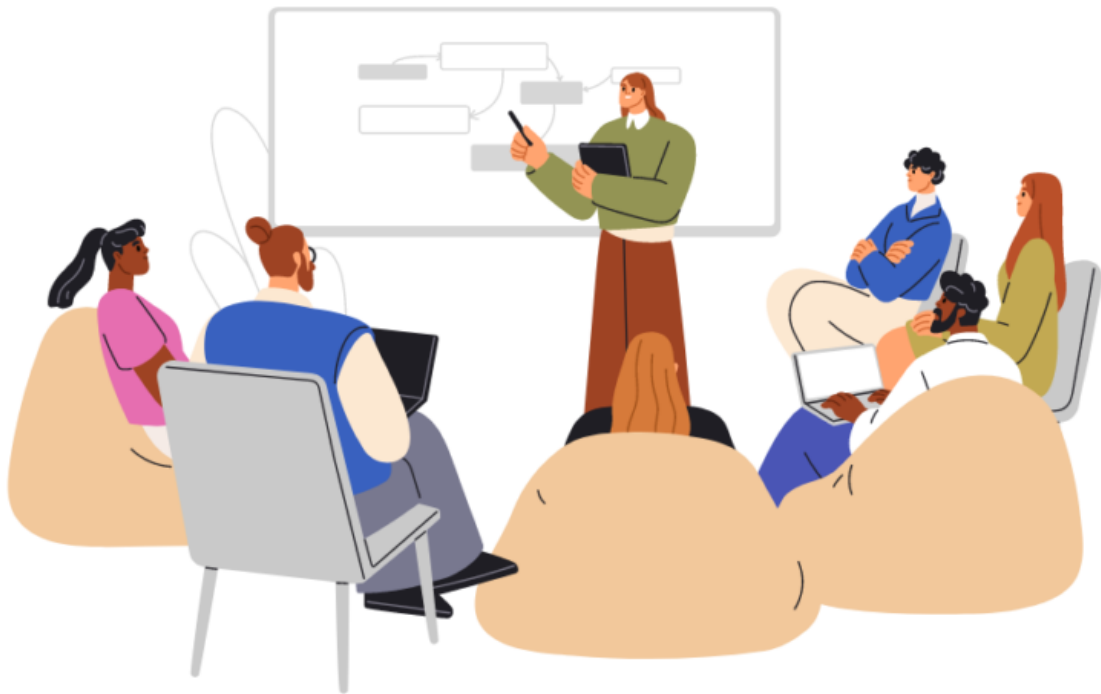
Sr.	Department	Title	Participants
1.	Commerce	"Financial Fraud Awareness" by Mr. Sandip Rathod, Mr. Lalji Savaiya and Ms. Yashvi Lakhani from HDFC Bank	150
2.	Management	Union Budget	130
3.	Management	Techno – Funda Masterclass: Unlocking the Secrets of Stock Selection	280





Workshops

Sr.	Department	Title	Participants
1.	Management	Union Budget	130
2.	Management	Techno – Funda Masterclass: Unlocking the Secrets of Stock Selection	280



Events

Sr.	Department	Title	Participants
1.	Management	Business plan competition	30
2.	Management	Business plan competition	30
3.	Commerce	12 <sup>th</sup> Fail	208
4.	Management	Home for Mentally Deficient Children, Kalawad Road	60
5.	Management	Humanizing People management for productivity and growth	40



## Collaboration

Sr.	Department	Title	Participants
1.	Commerce	Trade Blitz Stock Trading Championship	18
2.	Management	Nirma Limited	30
3.	Management	Microsign Products, Bhavnagar	40
4.	Commerce	Jyoti CNC Pvt. Ltd.	45
5.	Management	Adani Port	55
6.	Management	Synnova Gears	70
7.	Management	Rajoo Engineering	71
8.	Management	Adani Port	54



## Faculty Achievements

Sr.	Department	Name	Title	Level
1	Management	Dr. Vishal Khasgiwala	National Builder's Award	National
2	Commerce	Mr. Pratik Pravin	Reviewing Research Paper	International
3	Management	Dr. Kairvi Rathod	MBA as a career	Regional
4	Commerce	Mr. Suresh Vasani	Tools and techniques for the data analysis with help of Excel/SPSS	National
5	Commerce	Ms. Nirali Shah, Mr. Jaygiri Goswami	Empowering Entrepreneurship: Startups, Sustainability and social media in the Digital Age	Regional
6	Management	Ms. Sweta Savaliya	Role of ITC in Financial Inclusion	Regional
7	Commerce	Ms. Nishita Thakrar	The Power of Mutual Funds: Building Wealth with Confidence	University
8	Management	Dr. Tushar Ranpariya	Research Methodology	University
9	Commerce	Ms. Pankti Pandya	Questionnaire Framing: An Effective Tool for Research	Regional
10	Management	Dr. Kairvi Rathod	Research Paper Writing and Report Generation	University
11	Management	Dr. Priyanka Suchak	Introduction to Philosophy and Ethics and Scientific conduct	University
12	Commerce	Mr. Suresh Vasani	Journal	International
13	Management	Ms. Kausumi Nanavati	The power of Boundries: Setting Limits for Work-Life Balance	International
14	Management	Dr. Vishal Khasgiwala	Journal of Research and Review in Digital marketing and Communication	National
15	Management	Ms. Purvaben Makwana	symposium On humanising people management for productivity and growth	International



## Faculty Achievements

Sr.	Department	Name	Title	Level
16	Commerce	Ms. Nirali Shah	Mise En Place	International
17	Commerce	Mr. Kirtikumar Solanki	1. Fundamentals of accounting, 2. Companies and financial accounting	International
18	Commerce	Mr. Kirtikumar Solanki	Commercial awareness	International
19	Commerce	Ms. Nirali Shah	Research Methodology	International
20	Commerce	Dr. Amisha Ghelani	1. Introduction to bookkeeping and accounting 2. Fundamentals of accounting	International
21	Commerce	Mr. Shrey Bhupatkar	1. Accounting Fundamentals 2. Introduction to Microsoft Excel	International
22	Commerce	Ms. Nishita Thakrar	Fundamentals of Accounting	International
23	Commerce	Mr. Pratik Pravin, Ms. Pankti Pandya	Reading Financial Statements	International
24	Commerce	Ms. Pankti Pandya	Accounting Fundamentals	International
25	Commerce	Mr. Pratik Pravin	Equity Allocation for Wealth Management	International
26	Management	Dr. Meghashree Dadhich	Unlocking Critical Thinking: Strategies for Problem Solving	National
27	Management	Ms. Kausumi Nanavati	Digital and AI Tool in Education	National
28	Management	Dr. Priyanka Suchak	Business strategies & reporting for sustainable Development	University
29	Management	Ms. Isha Trivedi	Pedagogical Transition in Higher Education - A Paradigm Shift	National
30	Management	Ms. Isha Trivedi	Business Strategies and reporting for Sustainable development	National

## Faculty Achievements

Sr.	Department	Name	Title	Level
31	Management	Mr. Jaygiri Goswami	AI Tools for Optimizing Pedagogical Delivery	National
32	Management	Dr. Priyanka Suchak	Effective teaching pedagogy	National
33	Management	Ms. Isha Trivedi	Outcome Based Education	National
34	Commerce	Ms. Nirali Shah	Poetry	National
35	Management	Ms. Kausumi Nanavati	Emerging Technologies and Research Challenges	National
36	Management	Ms. Kausumi Nanavati	Entrepreneurship & Innovation in Higher Education	National
37	Management	Ms. Kausumi Nanavati	AI for Educators	National
38	Management, Science & Humanities	Ms. Isha Trivedi, Mr. Viral Savaliya	Financial Empowerment through Wealth Management	National
39	Commerce	Ms. Anjali Gohel	Promoting transparent: Strategies for driving multi- stakeholders engagement to fight corruption	International
40	Management	Ms. Hetal Tanna	Scientific Writing in Health Research	International
41	Management	Ms. Sweta Savaliya	AI in digital Marketing	International
42	Management	Ms. Purvaben Makwana	AI in Digital marketing	International
43	Management	Ms. Purvaben Makwana	SPSS Masterclass: Learn SPSS From Scratch to Advanced	International
44	Management	Ms. Purvaben Makwana	Research Methodology	International
45	Management	Dr. Kairvi Rathod	AI in Digital Marketing Great Learning	International



## Research Publication

Sr.	Department	Name	Title	Details Indexing
1	Management	Mr. Tushar Ranpariya	Factors influencing Consumer Attitude and intentions towards Using Mobile Wallet in India – An Empirical Study	UGC Care
2	Commerce	Ms. Nishita Thakrar	Prediction of Financial Distress by Using Bankometer Model: A Study of Selected Public Sector and Private Sector Banks in India	-
3	Commerce	Ms. Nishita Thakrar	Forecasting Financial Stability: A Study of Selected Pharmaceutical Companies of India by Using the Altman Z Score Model -- in the Context of SDG 8 - Decent Work and Economic Growth	-
4	Commerce	Mr. Pratik Pravin, Mr. Suresh Vasani, Mr. Shrey Bhupatkar	The Digital Medic: Assessing the Role of Social Media in Empowering Individuals with Health Knowledge and Choices	UGC Care,
5	-	Dr. Vishal Khasgiwala	Work-Life Balance for Working Women: A Tightrope Walk	UGC Care,
6	-	Dr. Vishal Khasgiwala	Investing the impact of digital marketing on brand	-
7	Management	Dr. Meghashree Dadhich	An Integrative Theoretical Model for Job Satisfaction, Performance & Loyalty in the Textile Industry: Insights from Gujarat	UGC Care, SCOPUS
8	Commerce	Ms. Nishita Thakrar	Financial Performance Insights of Indian Private Sector Banks: A CAMEL Model Analysis	UGC Care, SCOPUS
9	Management	Dr. Meghashree Dadhich	Critically Examining the Impact of Covid-19 on the Productivity of Indian Public & Private Sector Banks	UGC Care
10	Commerce	Dr. Alpa Joshi	A Review paper on comparative analysis of quality testing models- SERVQUAL and ELEVATE	AICTE & CSIR
11	Commerce	Dr. Amisha Ghelani	Impact of ESG Disclosure on Firm's Performance	AICTE & CSIR

## Research Publication

Sr.	Department	Name	Title	Details Indexing
12	Commerce	Dr. Amisha Ghelani	Do the farmer producer companies make impact on the financial sustainability of farmers specifically in Junagadh District?	AICTE & CSIR
13	Faculty of Business & Commerce	Dr. Vishal Khasgiwala	Emotional Labour in customer service professionals in the Indian context	AICTE & CSIR
14	Faculty of Business & Commerce	Dr. Vishal Khasgiwala, Ms. Sweta Savaliya	A Compleitive Review of E-Banking: Unravelling Trends, challenges and future directions	AICTE & CSIR
15	Management	Dr. Meghashree Dadhich	A Comparative Study of Conventional Economics with Aavartansheel Arthshastra in the light of Madhyasth Darshan propounded by Shri A. Nagraj Ji	AICTE & CSIR
16	Management	Dr. Meghashree Dadhich	A Study of Covid Impact on Teaching Pedagogy and Academic Institutions	AICTE & CSIR
17	Management	Dr. Jayesh Zalavadia	An application of domination concept in transportation network	AICTE & CSIR
18	Management	Dr. Kairvi Rathod	Towards Sustainable Smart Future Rethinking Priorities in Smart City	AICTE & CSIR
19	Management	Dr. Kairvi Rathod	A study on utilization of UPI payment services and trends	AICTE & CSIR
20	Management	Dr. Kairvi Rathod	Use And Safety Measures Awareness India's Virtual Payment System Study	AICTE & CSIR
21	Management	Dr. Kairvi Rathod	The Impact of Mergers and Acquisitions on the Financial Performance of Selected Indian Public Bank	AICTE & CSIR
22	Management	Dr. Kairvi Rathod	Exploring the conceptual Foundation of Sustainable Development Integration in Banking Sector	AICTE & CSIR

## Research Publication

Sr.	Department	Name	Title	Details Indexing
23	Management	Dr. Kairvi Rathod	Application of green finance in green banking A step towards Sustainable Development	AICTE & CSIR
24	Management	Dr. Kairvi Rathod	E-Banking & its role in facilitating Financial inclusion: A review Paper	AICTE & CSIR
25	Management	Ms. Purvaben Makwana	AI- Powered HR, revolutionizing the future workforce management	AICTE & CSIR
26	Commerce	Ms. Nishita Thakrar	Service Quality and Customer Satisfaction with Special Reference to Restaurants	-
27	Commerce	Dr. Alpa Joshi	The Impact of AI Adoption on Operational Efficiency and Customer Experience in the - Indian Insurance Sector	-
28	Commerce	Ms. Nishita Thakrar	Prediction of Financial Distress by Using Bankometer Model: A Study of Selected Public Sector and Private Sector Banks in India	-
29	Commerce	Ms. Nirali Shah	Managing Liquidity: Impact of Working Capital Policies on Earning Quality in Listed Indian Rail Firms	-
30	Commerce	Mr. Kirtikumar Solanki	India's FDI Revolution Reviewing the Recent Regulatory Paradigm Shift	-
31	Commerce	Dr. Amisha Ghelani	ESG - Marching Towards Achieving SDG	-



Patents (Cumulative)

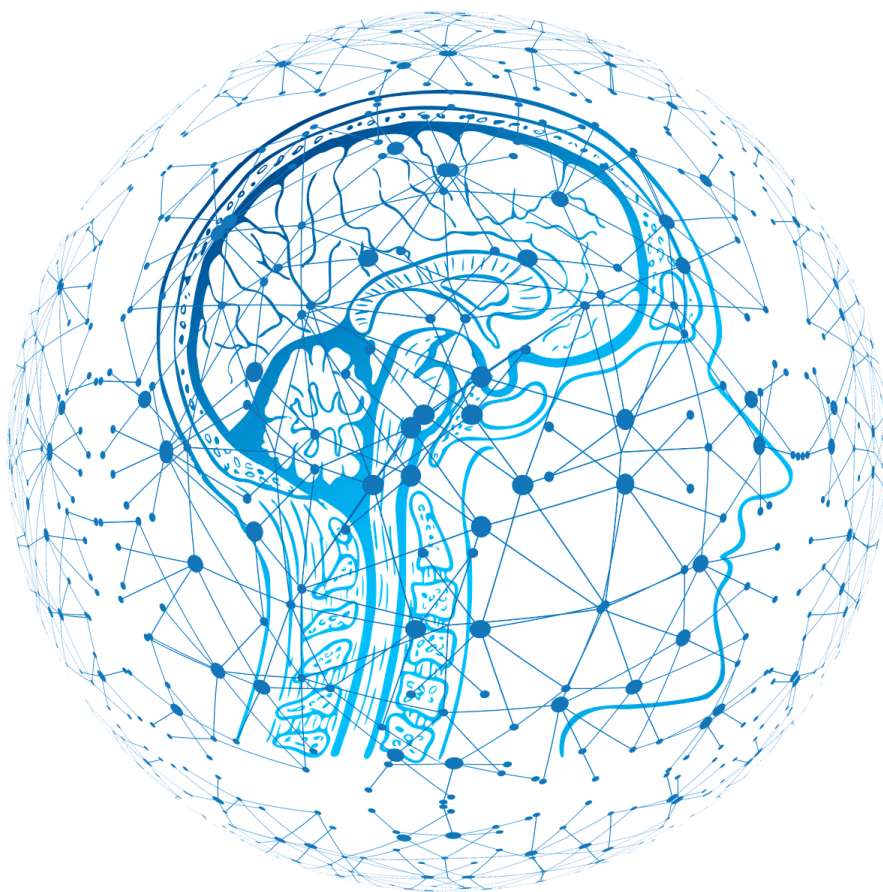
Sr.	Department	Name	Title	Patent Number
1	Commerce	Dr. Alpa Joshi	Customer Finance Monitoring Device	6385253
2	Commerce	Dr. Alpa Joshi	Smart Food Habits Analyzing Badge	418465-001
3	Commerce	Dr. Alpa Joshi	Customer Finance Monitoring Device	6385253
4	Commerce	Dr. Alpa Joshi	Smart Food Habits Analyzing Badge	418465-001

# **Faculty of Engineering & Technology & School of Diploma Studies**



## Faculty of Eng. & Tech. & School of Diploma Studies

Sr.	Details	Summary
1	Guest Lectures	02
2	Workshops	06
3	Events	04
4	Collaboration	13
5	Faculty Achievements	66
6	Research Publication	28
7	Patents	16





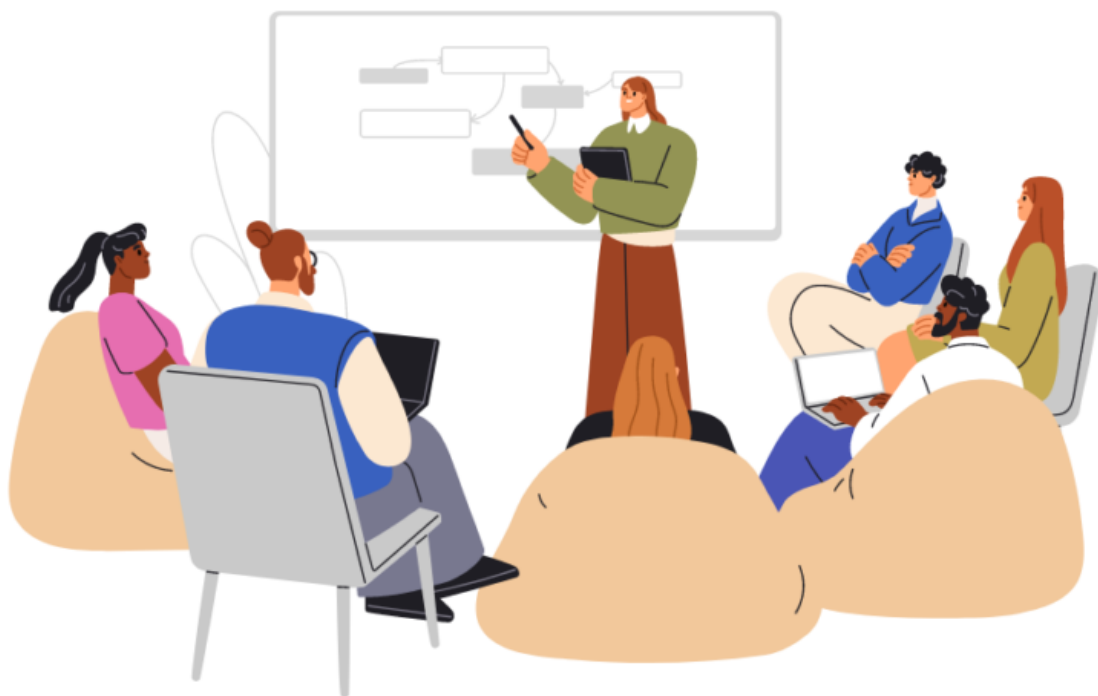
## Guest Lectures

Sr.	Department	Title	Participants
1.	Diploma Automobile Engineering	EV Architecture- Ola Electric (2W) by Mr. Harshal Panchasara.	14
2.	Diploma Automobile Engineering	Vehicle Insurance	15



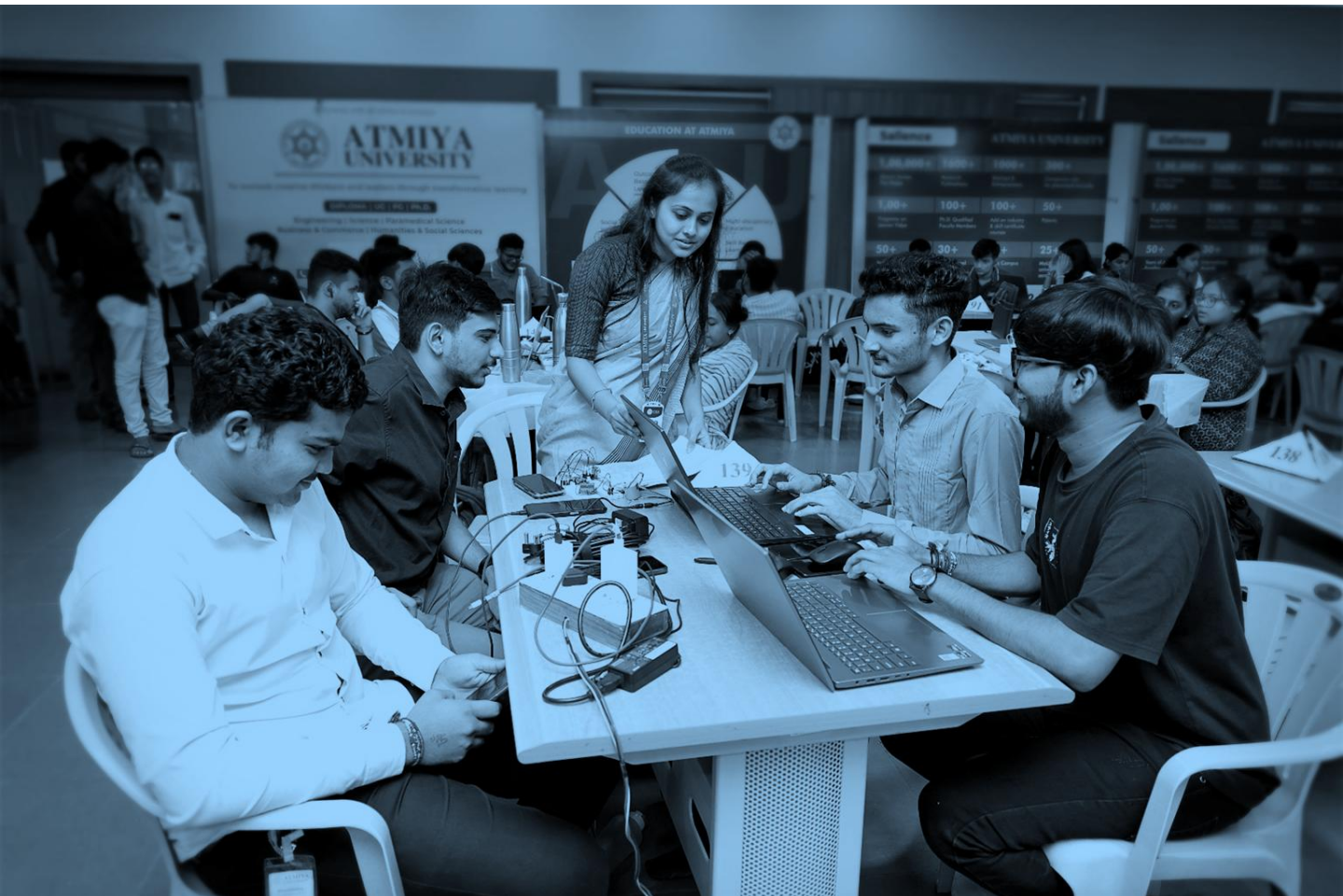
## Workshops

Sr.	Department	Title	Participants
1.	Computer Engineering	Photoshop	30
2.	Computer Engineering	Artificial Intelligence	30
3.	Diploma Electrical Engineering	Autocad	15
4.	Diploma Automobile Engineering	Go Electric Campaign	18
5.	Diploma Electrical Engineering	Entrepreneurship	16
6.	Diploma Electrical Engineering	Entrepreneurship	16



## Events

Sr.	Department	Title	Participants
1.	AU	"Digital Agriculture" by "Mr. P K Singh, Joint General Manager, IFFCO	231
2.	Information Technology	AI in Photoshop	108
3.	Diploma Computer Engineering	Rakhi Making Competition	15
4.	Diploma Computer Engineering	Rakhi Making Competition	15



## Collaboration

Sr.	Department	Title	Participants
1.	Mechanical Engineering	World Youth Skill Day Celebration	38
2.	Mechanical Engineering	DCM bearings pvt ltd. rajkot	25
3.	Mechanical Engineering	S.T. Workshop, Rajkot	15
4.	Mechanical Engineering	S.T. Workshop, Rajkot	15
5.	Diploma Mechanical Engineering	Gujarat Lathe Pvt. Ltd.	21
6.	Diploma Electrical Engineering	Gopal Snacks Limited	24
7.	Diploma Mechanical Engineering	Balaji Wafers Pvt. Ltd.	46
8.	Diploma Electrical Engineering	Ultracab wire & Cable Rajkot	18
9.	Diploma Electrical Engineering	Adani-Mundra	14
10.	Diploma Automobile Engineering	Adani Port Mudra	40
11.	Diploma Automobile Engineering	Tilak Enterprise (AMARON Battery)	16
12.	Diploma Automobile Engineering	Atul Motors Pvt. Ltd. - Rajkot.	17
13.	Diploma Automobile Engineering	Atul Motors Pvt. Ltd. - Rajkot.	17





## Faculty Achievements

Sr.	Department	Name	Title	Level
1	Electronics & Communication	Dr. Ashish Kothari	Nation Builder's Award	Regional
2	Mechanical Engineering	Mr. Hiren Makwana	Conflict Resolution and Negotiation Skills in the Workplace	Regional
3	Mechanical Engineering	Dr. Keyur Parmar	Journal	International
4	Mechanical Engineering	Mr. Niraj Vangani	Enriching lives through Engineering Excellence	Regional
5	Electronics & Communication	Dr. Ashish Kothari	Jury Member for SSIP IP Screening	State
6	Mechanical Engineering	Dr. Keyur Parmar	Reviewing Research Paper in Journal	International
7	Mechanical Engineering	Mr. Vishal Chhanya	Reviewing Research Paper in Journal	International
8	Electrical Engineering	Mr. Mahesh Dhola	Introduction to MATLAB	International
9	Mechanical Engineering	Dr. Manojkumar Sheladiya	Fundamentals of Macroscopic and Microscopic Thermodynamics	International
10	Mechanical Engineering	Dr. Manojkumar Sheladiya	Quantum Mechanics	International
11	Computer Engineering	Ms. Jil Bhatti	Get Started with Figma	International
12	Electrical Engineering	Mr. Ankit Lehu	Design of Transmission Line: Modelling and Performance	International
13	Electrical Engineering	Mr. Ankit Lehu	Basics of Electrical Protection System	International
14	Electrical Engineering	Mr. Ankit Lehu	Solar Energy Basics	International
15	Information Technology	Ms. Hemangi Joshi	Learn Selenium with python	International

## Faculty Achievements

Sr.	Department	Name	Title	Level
16	Mechanical Engineering	Mr. Niraj Vangani	Build Professional Certificates through Canva	International
17	Mechanical Engineering	Mr. Niraj Vangani	Canva for teachers	International
18	Mechanical Engineering	Mr. Niraj Vangani	ChatGPT Playground for Beginners	International
19	Civil Engineering	Mr. Mohit Satani	Euler's method	International
20	Electrical Engineering	Mr. Ankit Lehu	Research and Publication Ethics	International
21	Computer Engineering	Ms. Devangi Paneri	Android Studio Tutorial	International
22	Automobile Engineering	Mr. Sagar Bechara	Vehicle MET Technician	International
23	Computer Engineering	Ms. Devangi Paneri	AWS Academy Machine Learning Foundations	International
24	Computer Engineering	Mr. Ankitkumar Kalariya	1. Plagiarism: Decision making & dealing with grey-zones across academic Fields 2. Detecting Image Manipulation: Routines, Tools & Limitations 3. Demystifying permissions	International
25	Information Technology	Ms. Hemangi Joshi	AWS Academy Graduate - AWS Academy Machine Learning Foundations	International
26	Mechanical Engineering	Mr. Hiren Makwana	1. Accomplishment STAR Techniques for Job Interviews 2. Creating a Budget with Microsoft Excel	International
27	Mechanical Engineering	Mr. Pallav Radia	1. Create a Profile and Network on LinkedIn 2. Creating a Budget with Microsoft Excel 3. Introduction to Microsoft Excel 4. Investment Risk Management	International
28	Computer Engineering	Ms. Divya Solanki	Course on Python for Machine Learning	International
29	Computer Engineering	Ms. Devangi Paneri	cyber security for leadership	International
30	Computer Engineering	Ms. Divya Solanki	Quiz on International Women's Day 2024	International



## Faculty Achievements

Sr.	Department	Name	Title	Level
31	Computer Engineering	Mr. Ankitkumar Kalariya	1. Ethics 2. Plagiarism 3. Authorship 4. Content ownership 5. Why you can't afford to ignore publication ethics	International
32	Computer Engineering	Ms. Rupal Shilu	Introduction to Microsoft excel	International
33	Computer Engineering	Ms. Dolly Raja	Build a free website with WordPress	International
34	Computer Engineering	Ms. Nirali Borad	Create a Website Using Wordpress : Free Hosting & Sub-domain	International
35	Computer Engineering	Ms. Nirali Borad	Introduction to HTML	International
36	Computer Engineering	Ms. Tosal Bhalodia	1. Build a free website with WordPress 2. Create a Lead Generation Messenger Chatbot using Chatfuel	International
37	Computer Engineering	Mr. Hiren Bhatt	Chat GPT for beginners	International
38	Mechanical Engineering	Dr. Keyur Parmar, Mr. Hardik Chauhan, Dr. Sagarkumar Shah, Dr. Jinesh Shah	Industry 4.0 - Technological Evolution	National
39	Mechanical Engineering	Dr. Pratik Kikani	Financial Awareness in Modern Life	State
40	Information Technology	Hiren M Bhatt	chat GPT for beginners	International
41	Science & Humanities	Mr. Viral Savaliya	Wealth creation through financial planning	National
42	Science & Humanities	Mr. Viral Savaliya	Financial wisdom and career opportunities in securities market	National
43	Science & Humanities	Dr. Nirav Vyas	Indian Knowledge System	National
44	Civil Engineering	Mr. Nayan Nandawana	New Trends and Innovation in Civil Engineering	State
45	Mechanical Engineering	Dr. Sagarkumar Shah, Mr. Manojkumar Sheladiya, Dr. Jinesh Shah, Dr. Pratik Kikani	Exploration of the Solar System	National

## Faculty Achievements

Sr.	Department	Name	Title	Level
46	Science & Humanities	Dr. Nirav Vyas	Research Methodology & Ethiscs: Plagiarism Issues, Reference Management Tools and Altmetrics	National
47	Computer Engineering	Ms. Mansi Chauhan	Research Methods: A Practical Guide To Peer And Community Research	International
48	Mechanical Engineering	Mr. Darshan Nathwani	ENERGY LITERACY TRAINING	International
49	Computer Engineering	Ms. Divya Solanki	Soft Power At The Workplace	International
50	Mechanical Engineering	Mr. Vishal Chhanya	Project Initiation: Starting a Successful Project	International
51	Computer Engineering	Ms. Jil Bhatti	Crash Course on Python	International
52	Science & Humanities	Dr. Dhaval Purohit	Introduction to Artificial Intelligence	International
53	Science & Humanities	Dr. Dhaval Purohit	Understanding language and learning	International
54	Computer Engineering	Ms. Divya Solanki	Practical Skills For Teaching Inclusive History: Cargo Classroom	International
55	Science & Humanities	Dr. Dhaval Purohit	Language and creativity	International
56	Computer Engineering	Ms. Mansi Chauhan	PREPARING FOR HIGHER EDUCATION	International
57	Electrical Engineering	Mr. Rajesh Panara	Jetson - AI	International
58	Mechanical Engineering	Mr. Rohit Raval	introduction six sigma	International
59	Automobile Engineering	Mr. Paresh Sangadiya	Introduction to Artificial Intelligence.	International
60	Automobile Engineering	Mr. Paresh Sangadiya	Business Intelligence Fundamentals	International

## Faculty Achievements

Sr.	Department	Name	Title	Level
61	Information Technology	Mr. Darshan Jani	Emotional Well-Being at Indian Institute of Design	State
62	Electronics & Communication	Dr. Ashish Kothari	AI Tools for Research for Commerce, Management and Law Scholars	University
63	Electronics & Communication	Dr. Ashish Kothari	AI Tools for Research for Science and Maths Scholars	University
64	Science & Humanities	Dr. Nirav Vyas	Advanced Topics in Latex	State
65	Electronics & Communication	Mr. Jaykumar Patel	Jeevan Vidya Introduction Workshop	State
66	Computer Engineering	Mr. Kalpesh Chudasama	Upskilling using block coding and arduino	Regional



## Research Publication

S r.	Departme nt	Name	Title	Details Indexing
1	Mechanical Engineering	Mr. Rohit Raval, Mr. Milankumar Pankhaniya, Dr. Pratik Kikani	A Technical Review of Hybrid Welding of Dissimilar Metal Joint	UGC Care
2	Computer Engineering	Ms. Nirali Borad	Agglomerative Hierarchical Clustering Analysis-to Study Road Accidents	UGC Care, SCOPUS
3	Mechanical Engineering	Mr. Niraj Vangani, Mr. Pallav Radia, Mr. Hiren Makwana, Ms. Kausumi Nanavati	Bridging the Gap: A Systematic Literature Review on Placement Enhancement Initiatives for Students in Higher Education	UGC Care,
4	Electronics & Communicati on	Dr. Ashish Kothari	A Novel Approach To Achieve Dual Security In Images Using Advanced Watermarking Technique	UGC Care, SCOPUS
5	Electronics & Communicati on	Dr. Ashish Kothari	Comprehensive Analysis of Ddos Attack Mitigation Using Software-Defined Networking Strategies: Exploring Challenges And Key Factors	UGC Care, SCOPUS
6	Electrical Engineering	Mr. Dhaval Raval	Enhancing Renewable Energy Integration with Grid-Forming Converter-Based HVDC Systems: Modelling and Validation	UGC Care, SCOPUS
7	Science & Humanities	Dr. Om Teraiya	Fuzzy Inventory Grinding Production Process Optimization for Rotor Manufacturing Using Python and MATLAB	UGC Care, SCOPUS
8	Civil Engineering	Dr. Hemantkumar Sonkusare	Properties of Concrete with Incorporation of Hybrid Fibers and M- Sand - A Review	AICTE & CSIR
9	Civil Engineering	Dr. Hemantkumar Sonkusare	Advancements in Warm Mix Asphalt Technologies: A Comprehensive Review	AICTE & CSIR
10	Civil Engineering	Dr. Hemantkumar Sonkusare	Performance Evaluation and Service Quality in Public Transportation: A Comprehensive Review	AICTE & CSIR
11	Computer Engineering	Mr. Ankitkumar Kalariya	Impact of a Credit Course on Value Education for Consciousness Development on the Happiness Relationships and Self Discipline of the Students in Atmiya University	AICTE & CSIR

## Research Publication

Sr.	Department	Name	Title	Details Indexing
12	Computer Engineering	Mr. Ankitkumar Kalariya	Utilizing Machine Learning Techniques for Predicting Heart Disease	AICTE & CSIR
13	Computer Engineering	Mr. Janak Maru	Evading biometric authentication through the utilization of steganography	AICTE & CSIR
14	Computer Engineering	Mr. Janak Maru	Comprehensive Analysis of DDoS Attack Mitigation Using Software-Defined Networking Strategies : Exploring Challenges and Key Factors	AICTE & CSIR
15	Electrical Engineering	Mr. Ankit Lehu	A Case Study Energy Audit at Higher Educational institute to Reduce Energy Consumption, Cost of Energy and Environment impact for Sustainable Development	AICTE & CSIR
16	Electrical Engineering	Mr. Ankit Lehu	Simulated Design and Prototype Implementation for a 7-Level Multilevel Inverter	AICTE & CSIR
17	Electronics & Communication	Mr. Jigar Ratnottar	Demand Side Energy Management (DSEM) A Participatory Approach in Smart Grid - A Review	AICTE & CSIR
18	Information Technology	Mr. Piyush Kashiyani	Identifying COVID in X-ray and CT Images via Multiple Feature Extraction with Extreme Learning Machine and UNET	AICTE & CSIR
19	Mechanical Engineering	Mr. Manojkumar Sheladiya	Comprehensive overview of Lean Manufacturing Principles and Implementation Strategies	AICTE & CSIR
20	Mechanical Engineering	Mr. Manojkumar Sheladiya	A technical review on evaluation of the sand inclusion defect in hollow ball of EN56A metal prepared using Furan No-Bake sand moulding techniques	AICTE & CSIR
21	Mechanical Engineering	Dr. Jinesh Shah	Optimization of Process Parameters for AISI 304 Using Micro-EDM Drilling Process	AICTE & CSIR
22	Science & Humanities	Dr. Nirav Vyas	Strong Domination Integrity of Shadow Graphs	AICTE & CSIR

## Research Publication

Sr.	Department	Name	Title	Details Indexing
23	Science & Humanities	Dr. Tushar Bhatt	A new graph family of geometric graph : Co-angular connected geometric graph	AICTE & CSIR
24	Computer Engineering	Mr. Mukesh Patel	Healthcare Application Cloud – Green Cloud Computing and Data Storage Security	AICTE & CSIR
25	Civil Engineering	Dr. Hemantkumar Sonkusare	Effect of bitumen content and polypropylene fiber on performance of bituminous mix properties	GHRCE and AICTE
26	Science & Humanities	Dr. Om Teraiya	Fuzzy Inventory Grinding Production Process Optimization for Rotor Mfg. usng Python and Matlab	Istanbul Technical University
27	Electronics & Communication	Mr. Jigar Ratnottar	Smart Grid Working Opportunities and Challenges in India - A Review	IEEE
28	Electrical Engineering	Mrs. Seema Vachhani	A case study: Energy audit at higher educational institute to reduce energy consumption, cost of energy and environment impact for sustainable development	Chandigadh University



## Patents (Cumulative)

Sr.	Department	Name	Title	Patent Number
1	Electronics & Communication	Dr. Ashish Kothari	Audio-Visual Indicator for Spilling Milk	202321085248 A
2	Mechanical Engineering	Mr. Rishabh Makwana	Automatic Pressure Sensing Mechanism	526667
3	Civil Engineering	Dr. Hemantkumar Sonkusare	Earthquake Early Prediction System with Deep Learning and IoT Integration Based on Animal EEG Data Patterns	202441029739A
4	Civil Engineering	Mr. Hardik Pujara	Biodegradable Plastic Material with Enhanced Environmental Compatibility for Marine Life Protection	202411030059
5	Civil Engineering	Dr. Hemantkumar Sonkusare, Mr. Hardik Pujara, Mr. Hiren Ramani, Mr. Ashraf Mathakiya	Mystical self-healing bricks: Enhancing AI infused materials that repair cracks and damage autonomously	202421032278
6	Civil Engineering	Mr. Hardik Pujara	Portable concrete mixer with reinforced drum	419312-001
7	Electronics & Communication	Dr. Ashish Kothari	E-Vehicle Multimode operating and Multimode Charging	202321085248A
8	Electronics & Communication	Dr. Ashish Kothari	Smart Lighting Systems for Energy Conservation	202421045036A
9	Electronics & Communication	Dr. Ashish Kothari	Audio-Visual Indicator for Spilling Milk	202321085248A
10	Mechanical Engineering	Mr. Rishabh Makwana	Automatic Pressure Sensing Mechanism	526667
11	Civil Engineering	Dr. Hemantkumar Sonkusare	Earthquake Early Prediction System with Deep Learning and IoT Integration Based on Animal EEG Data Patterns	202441029739A
12	Civil Engineering	Mr. Hardik Pujara	Biodegradable Plastic Material with Enhanced Environmental Compatibility for Marine Life Protection	202411030059

## Patents (Cumulative)

Sr.	Department	Name	Title	Patent Number
13.	Civil Engineering	Dr. Hemantkumar Sonkusare, Mr. Hardik Pujara, Mr. Hiren Ramani, Mr. Ashraf Mathakiya	Mystical self-healing bricks: Enhancing AI infused materials that repair cracks and damage autonomously	202421032278
14.	Civil Engineering	Mr. Hardik Pujara	Portable concrete mixer with reinforced drum	419312-001
15.	Electronics & Communication	Dr. Ashish Kothari	E-Vehicle Multimode operating and Multimode Charging	202321085248A
16.	Electronics & Communication	Dr. Ashish Kothari	Smart Lighting Systems for Energy Conservation	202421045036A

# Faculty of Health Sciences



Faculty of Health Sciences

Sr.	Details	Summary
1	Guest Lectures	01
2	Events	01
3	Faculty Achievements	21
4	Research Publication	18
5	Patents	04



## Guest Lectures

Sr.	Department	Title	Participants
1.	Pharmacy	Expert Talk on "Innovation Funding and Entrepreneurship: A Roadmap for Success"	40

## Events

Sr.	Department	Title	Participants
1.	Pharmacy	Dadaji Life Science Pvt. Ltd	43



## Faculty Achievements

Sr.	Department	Name	Title	Level
1	Pharmacy	Dr. Kevin Garala, Dr. Parag Rabara	Best e-Poster Presentation Award in Conference (ICGCP4B-2024)	International
2	Pharmacy	Ms. Rachana Joshi	3 <sup>rd</sup> Rank Best out of Waste Competition	Regional
3	Pharmacy	Dr. Kevin Garala	Good Storage Practice	State
4	Pharmacy	Dr. Rajeshri Patel	Journal	International
5	Pharmacy	Ms. Reena Ughreja	Pharmaceutical and Medical Device Innovations	International
6	Pharmacy	Ms. Reena Ughreja	Drug Commercialisation	International
7	Pharmacy	Ms. Reena Ughreja	Introduction to Good Clinical Practice	International
8	Pharmacy	Ms. Aayushi Bansal	Bacteria and Chronic Infections.	International
9	Pharmacy	Ms. Reena Ughreja	1. Professionalism in Allied Health 2. Successful Negotiation: Essential Strategies and Skills	International
10	Pharmacy	Ms. Reena Ughreja	Medical Terminology I	International
11	Pharmacy	Dr. Mital Manvar	Prevention and Management of Diabetic Foot Problems	International
12	Pharmacy	Ms. Reena Ughreja	Initiating and Planning Projects	International
13	Pharmacy	Ms. Reena Ughreja	The 3D Printing Revolution	International
14	Pharmacy	Ms. Rachana Joshi	Quality by Design in Pharmaceutical Product Development	International
15	Pharmacy	Ms. Reena Ughreja	1. Medical Terminology II, 2. Medical Terminology III	International



## Faculty Achievements

Sr.	Department	Name	Title	Level
16	Pharmacy	Dr. Parag Rabara	WHO e course on Tuberculosis preventive treatment	International
17	Pharmacy	Dr. Kevin Garala	Microsoft Copilot	National
18	Pharmacy	Mr. Vijay Chauhan	Energy Literacy	International
19	Pharmacy	Ms. Hani Jani	Brain-targeting delivery systems	International
20	Pharmacy	Ms. Hani Jani, Mr. Vijay Chauhan	Bioresponsive Smart Polymers and their applications	International
21	Pharmacy	Dr. Kevin Garala	Design of Experiments and Strategic Design Selection for Pharmaceutical Innovation	National

## Research Publication

Sr.	Department	Name	Title	Details Indexing
1	Pharmacy	Dr. Kevin Garala	Advanced Targeted Drug Delivery of Bioactive Nanomaterials in the Management of Cancer	UGC Care, SCOPUS
2	Pharmacy	Dr. Kevin Garala	Unlocking the Potential of RNA Nanoparticles: A Breakthrough Approach to Overcoming Challenges in Colon Cancer Treatment	UGC Care, Scopus
3	Pharmacy	Ms. Aayushi Bansal, Ms. Shikha Thakur, Ms. Kelsi Chhatrala	Microfluidic Organ-On-A-Chip Models of Human organs in Drug Discovery	UGC Care, Scopus
4	Pharmacy	Dr. Kevin Garala	Lipid-based Nanoparticles in Delivering Bioactive Compounds for Improving Therapeutic Efficacy	UGC Care, Scopus
5	Pharmacy	Ms. Aayushi Bansal	Recent advancements of High Performance Liquid Chromatography: A comparative approach	AICTE & CSIR
6	Pharmacy	Ms. Shikha Thakur	The application of two dimensional (2D) transition metal dichalcogenides, WS <sub>2</sub> (Tungsten disulfide) and MOS <sub>2</sub> (Molybdenum disulfide) for cancer treatment))	AICTE & CSIR
7	Pharmacy	Dr. Parag Rabara, Dr. Kevin Garala	Synthesis and Evaluation of Novel 1-(2-(substituted benzo[d]thiazol-2-ylamino)acetyl) pyrrolidine-2-carbonitrile derivatives as DPP-4 Inhibitors	SERB, DBT
8	Pharmacy	Dr. Kevin Garala, Dr. Parag Rabara	Investigating Excipients and Processing Conditions on Isoniazid and Ethambutol Hydrochloride Agglomerates: An Investigation through QbD	SERB, DST
9	Pharmacy	Ms. Aayushi Bansal	Mini-Tablet's Potential As An Adaptable Drug Delivery Technique	-
10	Pharmacy	Ms. Hani Jani	Development and assessment of a natural poly-herbal hand wash: A sustainable alternative to chemical-based products.	GSBTM and DST
11	Pharmacy	Mr. Vijay Chauhan	Innovative poly herbal oil formulation, Physicochemical analysis for hair health	GSBTM and DST

## Research Publication

Sr.	Department	Name	Title	Details Indexing
12	Pharmacy	Ms. Reena Ughreja	Bacteriophages: Future tool for disease diagnosis	GSBTM and DST
13	Pharmacy	Ms. Reena Ughreja	Acid-Base indicators from natural plant flowers: A review	GSBTM and DST
14	Pharmacy	Dr. Mital Manvar	Development and Assessment of Herbo-mineral formulation	GSBTM and DST
15	Pharmacy	Ms. Hani Jani	Formulation and Evaluation of Herbal Cream using Red Lentile	GSBTM and DST
16	Pharmacy	Ms. Hani Jani	Formulation and Evaluation of Multifunctional polyherbal Shampoo	GSBTM and DST
17	Pharmacy	Mr. Vijay Chauhan	Formulation and evaluation of Multiple functional polyherbal shampoo	GSBTM and DST
18	Pharmacy	Mr. Vijay Chauhan	Formulation and evaluation of Herbal Cream using red Lantic	GSBTM and DST

## Patents (Cumulative)

Sr.	Department	Name	Title	Patent Number
1.	Pharmacy	Dr. Parag Rabara, Dr. Kevin Garala	Smart and Portable Skin Disease Detection Device	400194-001
2.	Pharmacy	Dr. Kevin Garala	Device with digital camera for determination of Angle of Repose	422671-001
3.	Pharmacy	Dr. Parag Rabara, Dr. Kevin Garala	Smart and Portable Skin Disease Detection Device	400194-001
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# **Faculty of Faculty of Humanities & Social Sciences**



Faculty of Humanities & Social Sciences

Sr.	Details	Summary
1	Faculty Achievements	6
2	Research Publication	6





## Faculty Achievements

Sr.	Department	Name	Title	Level
1	English	Dr Shivangi Oza	Best Research Paper Award	International
2	English	Dr. Dhaval Thummar	Introduction to Artificial Intelligent	International
3	English	Dr. Dhaval Thummar	Instagram Marketing Basics course	International
4	English	Dr. Dhaval Thummar	STORYTELLING FOR CHANGE	International
5	English	Dr. Dhaval Thummar	Canva for Beginners	International
6	English	Dr. Dhaval Thummar	introduction to MS Excel	International

## Research Publication

Sr.	Department	Name	Title	Details Indexing
1	English	Dr.Shivangi Oza, Dr. Jay Ranpura	Bridging Worlds: Ruskin Bond's Profound Depiction of Coexistence in Human-Nature Bonds, in Selected works	AICTE & CSIR
2	English	Dr. Jay Ranpura	Empathy and Unity in Sudha Murthy's Literature: A Window to Co-existence in Modern India	AICTE & CSIR
3	English	Mr Aanay Bhatt	Exploring the idea of Coexistence in Dhruv Bhatt's 'Akupar'	AICTE & CSIR
4	English	Dr Jay Ranpura, Dr Shivangi Oza	"Sustainable Narratives: Exploring Eco-friendly Themes in Selected Indian Fiction"	-
5	English	Dr Jay Ranpura, Dr Shivangi Oza	Literature as a Mirror of Society: Sudha Murthy's Narratives on Environmental and Social Sustainability	-
6	English	Dr Drashti Purohit	Tony Morrison's Depiction of Gender Struggle & Equality	-



# Library & Learning Centre





## The collection at the Library

SN	Type	Count	Sr. No	Type	Count
1	Total Print Books	1,22,738	5	E-journals	265
2	Reference Books	11,403	6	Print Periodical	83
3	Text/Subject Books	1,11,335	7	Print Magazine, Print News Paper	42 & 17
4	E-Books	4,500	8	Educational CD/DVD	14,763

## Usage statistics of the Library

SN	Item	Usage	Remarks
1	E-resources	3,817 Article downloads	IEEE + T&F + Prowess CMIE-Database
2	Library Memberships	250 Article requests	DELNET & IITGn Library
3	Online Article/ E-Book Request	1,352	Personalized services
4	Plagiarism Check	1,133	Drillbit from January to December 2024
5	Total footfalls in the Library in 2024	3,71,072	-
6	Circulation	31,997	Books transactions
7	E-Library Usage	48,472	-
8	Reading & Reference Usage	2,83,892	-

## Activities at the Library

- Book Talks & Book Exhibition
- *Vasant Panchami* Celebration
- Gandhiji and Shastri Jayanti,
- *Bharatiya Bhasha Utsav, Matru Bhasha Utsav.*
- Coordination of Faculty Capacity Development Sessions (Prowess, INFLIBNET, SWAYAM-NPTEL)

# Incubation & Innovation Centre: E-Yuva Centre



# Incubation & Innovation Centre: E-Yuva Centre

Date	Activity/Event	Details
March 2024	Achievement of Mintu Nimavat	Founded Mycowrap Packaging Private Limited; registered as a startup and filed a provisional patent.
April 13, 2024	3rd EMC Meeting	Final payment approved for FPLC equipment; recruitment of Centre Coordinator and Project Assistant.
May 17, 2024	BioNEST & E-YUVA Conclave	Held in Delhi; facilitated networking and peer learning among CEOs, managers, and coordinators.
May 2024	Recruitment of Dr. Nishant Gopalan	Appointed as Centre Coordinator at the E-YUVA Centre.
June 2024	Sub-Agreement Signing Ceremony	New fellow teams signed for projects, including herbal solutions, IoT-based systems, and health tech.
June 27, 2024	MSME Day Celebration	Showcased startup products and engaged with students, investors, and businessmen for collaborations.
August 3, 2024	Making Start-Ups Market-Ready Program	STBI hosted a roadshow for Global Bio-India, focusing on commercialization and go-to-market strategies.
August 5, 2024	Innovation & Incubation Opportunities Event	Held at Atmiya University; keynote speaker Dr. Nishant discussed entrepreneurial opportunities.
September 12–14, 2024	Global Bio-India 2024 Participation	Atmiya University's E-YUVA team showcased innovations and participated in networking events.
September 26, 2024	Design Thinking Session at RK University	Dr. Nishant introduced design thinking methodologies to students to foster innovation and creativity.
October 10, 2024	Startup Session at Christ College, Rajkot	Dr. Nishant discussed the role of startups in economic growth and challenges in the Indian ecosystem.
October 15, 2024	Innovate Ayurveda Workshop	Focused on integrating design thinking with Ayurvedic entrepreneurship for innovative solutions.
November 23, 2024	ATL SIP 3.0 Presentation and Design Thinking Workshop	Students presented projects on real-world problems; emphasis on empathy and ideation in solutions.
January 1, 2025	MoU Signing with WeHustleCo, Atmiya University, and E-YUVA Centre	Partnership to promote accredited certification courses and entrepreneurship among students.



# Incubation & Innovation Centre: E-Yuva Centre

Date	Activity/Event	Details
December 17–20, 2024	IIT Techfest Participation	E-YUVA team explored emerging technologies and fostered collaborations with researchers and startups.
December 24, 2024	Seminar on Government Funding and Proposal Writing	Provided tools for identifying real-world challenges and preparing effective funding proposals.
January 1, 2025	MoU Signing with WeHustleCo, Atmiya University, and E-YUVA Centre	Partnership to promote accredited certification courses and entrepreneurship among students.

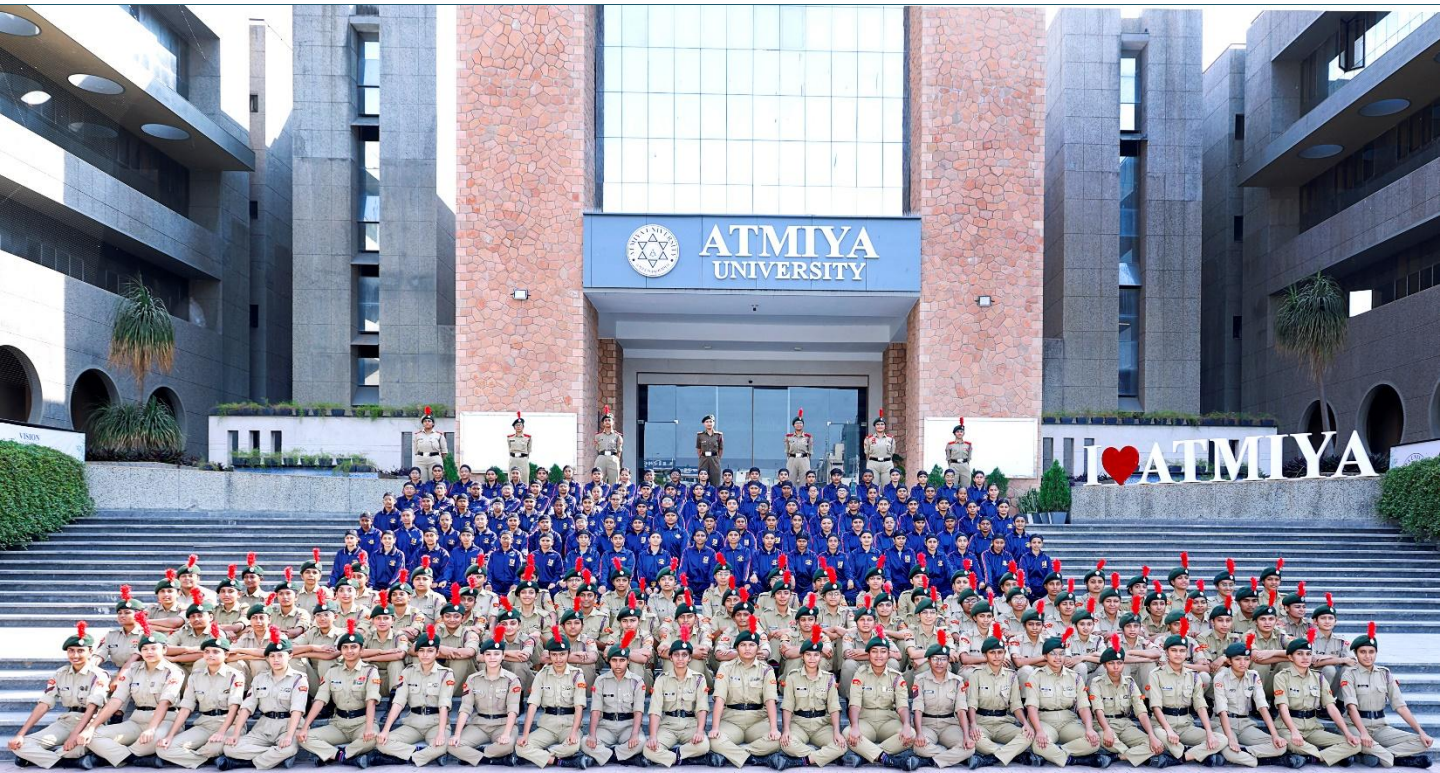
The E-YUVA Centre at Atmiya University had a highly impactful year from March 2024 to January 2025, marked by significant activities, achievements, and initiatives. A key highlight was the entrepreneurial success of Mintu Nimavat, who founded a registered startup and filed a provisional patent. The Centre promoted innovation through events such as the TEP and EMC meetings, the recruitment of key personnel, and the selection of new fellow teams tackling projects in IoT-based agriculture, health tech, and Ayurvedic innovations. Networking and exposure were enhanced through participation in major national and international events, including the BioNEST & E-YUVA Conclave, Global Bio-India 2024, and IIT Techfest. To further nurture entrepreneurial skills, workshops were organized on design thinking, government funding, and commercialization strategies, engaging both students and faculty. The Centre also solidified strategic collaborations, including an MoU with WeHustleCo to offer accredited certification courses and promote entrepreneurship. These initiatives highlighted the Centre's commitment to fostering innovation, solving real-world problems, and building a dynamic entrepreneurial ecosystem, positioning it as a vital link between academia and industry.







**ATMIYA**  
**UNIVERSITY**  
RAJKOT, GUJARAT (INDIA)



# NCC & NSS Activities





SN	NAME OF CADET	ACHIEVEMENT
1	LT PRIYAJITSINH D JADEJA	ASSOCIATE NCC OFFICER COMMISSION FOR LIEUTENANT RANK PROMOTION
2	JUO SUJAL HIRANI	BEST COMPANY SENIOR (SD) AWARD – EBSB UJJAIN
3	SGT ARPITABA SODHA	BEST GUJARAT DIRECTORATE SENIOR (SW) AWARD – EBSB CAMP UJJAIN
4	JUO GOPAL SATIYA	PARTICIPATED IN REPUBLIC DAY CAMP NEW DELHI JANUARY 2025
5	JUO ADITY SAVALIYA	FIRST RANK IN VOLLEYBALL COMPETITION ARMY ATTACHMENT DHRANGADHRA
6	JUO KHUSHI SHUKLA	PARTICIPATED IN ATTACHMENT CAMP OTA CHENNAI
7	JUO PRINSI TADHANI	SPECIAL NATIONAL INTEGRATION CAMP - EKTA DIWAS RAJPIPLA
8	JUO DHRUVISHA RANGANI	SPECIAL NATIONAL INTEGRATION CAMP - EKTA DIWAS RAJPIPLA
9	SGT PALAK BHANDERI	SPECIAL NATIONAL INTEGRATION CAMP - EKTA DIWAS RAJPIPLA
10	CPL NIRALI RATNOTAR	SPECIAL NATIONAL INTEGRATION CAMP - EKTA DIWAS RAJPIPLA
11	CPL JYOTIBA JADEJA	SPECIAL NATIONAL INTEGRATION CAMP - EKTA DIWAS RAJPIPLA
12	CPL JYOTI MANEK	SPECIAL NATIONAL INTEGRATION CAMP - EKTA DIWAS RAJPIPLA
13	LCPL TANISHABA JADEJA	SPECIAL NATIONAL INTEGRATION CAMP - EKTA DIWAS RAJPIPLA
14	SGT ISHITA ALGOTAR	SPECIAL NATIONAL INTEGRATION CAMP - EKTA DIWAS RAJPIPLA
15	SGT DIPALI CHUDASAMA	2nd RANK IN PAINTING COMPETITION EBSB, AHMEDABAD
16	CPL TAMANNA MAKVANA	2nd RANK IN DEBATE COMPETITION EBSB, AHMEDABAD
17	CPL ISHA CHOVIYA	1st RANK IN TUG OF WAR COMPETITION GUJARAT TREK PALANPUR
18	SGT DHANSHREE PATEL	ADVANCED LEADERSHIP CAMP - ALWAR RAJASTHAN





In 2024, Atmiya University continued its commitment to community engagement, health awareness, environmental sustainability, and youth empowerment through a variety of impactful initiatives led by its NSS and NCC units. Key activities included a January webinar on child sexual abuse awareness with Sakshi NGO, a "Today's Youth for Yesteryear's Youth" intergenerational workshop, and a village survey under the Unnat Bharat Abhiyan to support rural development. The university also hosted Yuva Sansad (Youth Parliament) to engage students in political discourse, and organized a blood donation camp in memory of late student Kashyap Khira. Environmental sustainability efforts included two large tree plantation drives in July, a "Each One Plant One" campaign, and participation in the "Swachhata Hi Sewa" campaign, where over 250 kg of plastic waste was collected. The "Donate Raw Grains" campaign on Independence Day supported food-insecure families, and health initiatives included an Anemia Test and Cancer Awareness Program with participation from over 400 students. These activities, in collaboration with local NGOs and community organizations, showcased Atmiya University's dedication to holistic education, promoting social responsibility, and nurturing future leaders committed to positive change. Through these initiatives, the university has empowered students and faculty to actively contribute to social well-being, environmental sustainability, and community development.



# Centre for Student & Customer Initiatives





Sr. No.	Category	Description	Key Highlights
1	Ignite Platform	Peer-to-peer learning across four student clusters (Tech, Life Sciences, Physical Sciences, Business).	31 sessions, 2800+ participants, diverse topics.
2	Student Clubs	14 clubs fostering creativity, leadership, and technical skills.	142 sessions, 4195 participants (e.g., Dance, Music, GDSC).
3	Community Engagement	Service projects promoting welfare and environmental awareness.	Tree plantation, food distribution, shelter visits.
4	Cultural Events	Showcasing talent through performances and artistic workshops.	Stage plays, expert sessions, movie screenings.
5	Health Initiatives	Focused on physical and mental well-being through wellness activities.	14 sessions, health and mental fitness campaigns
6	Technical Learning	GDSC-led technical skill-building sessions and workshops.	11 sessions, coding workshops, hackathons.





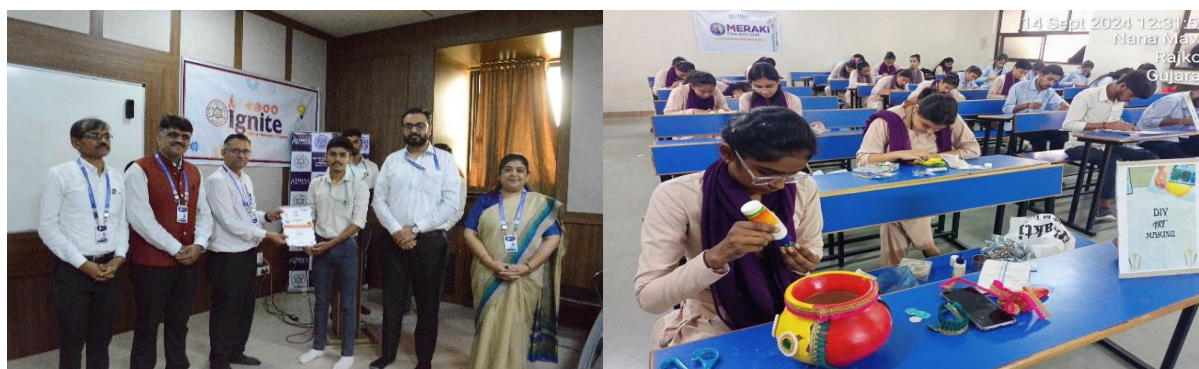
SN	Activity	Type	Resource Person(s)	Beneficiaries	Outcome
1	Menstrual Literacy Workshop	Workshop	Dr. Shradha Dev Pandya.	203	Improved menstrual health awareness.
2	Kitchen Gardening & Transition to Agriculture	Expert Talk	Mrs. Divya Vachhani, Mrs. Yogita Sojitra	106	Promoted sustainable gardening and innovation.
3	Wealth Creation Workshop	Expert Talk	CA Ankit Kothari	35	Enhanced financial literacy and stability
4	Women in Science Panel Discussion	Panel Discussion	Dr. Neepa Pandhi, Dr. Priya Patel, et al.	176	Encouraged STEM careers and leadership.
5	Self-Defense Karate Training Program	Training Program	Mrs. Kiran Chauhan	81	Boosted confidence and safety skills.
6	Research Funding Awareness	Expert Talk	Dr. Mousumi Das, Dr. Rajeshree Patel	220	Inspired academic and scientific pursuits
7	Celebration of Women's Day	Celebration	DCP Pooja Yadav, Ms. Niyati Shah, et al	350	Fostered action for gender parity
8	Shakti Parva	Celebration	N/A	200+	Highlighted women's achievements and empowerment.



The activities at Atmiya University for the academic year 2023-24 showcase a diverse and enriching array of initiatives designed to foster holistic development among students. The **Ignite Platform**, a peer-led learning program, encourages knowledge sharing and expression across four clusters: technology, life sciences, physical sciences, and entrepreneurship. With 31 sessions attended by over 2800 students, it covered topics ranging from innovation and spirituality to professional skills. Complementing this, **Student Clubs** offered a vibrant mix of academic, creative, and social activities, with 14 clubs conducting 142 sessions and engaging 4195 participants. These included aesthetic clubs like Dance, Music, and Fine Arts, alongside the Google Developer Students Club (GDSC), which focused on technical skill-building.

The university's commitment to **Community Engagement** was evident through service-oriented projects such as tree plantations, food distributions, and outreach programs for underprivileged groups and environmental conservation. **Cultural Events** provided a platform for students to showcase their talents through stage plays, expert sessions, and award-winning movie screenings, fostering confidence and public engagement. Additionally, **Health Initiatives** promoted physical and mental well-being through specialized wellness programs and campaigns, while **Technical Learning** sessions led by GDSC enhanced students' coding, software development, and problem-solving skills through workshops and hackathons. These comprehensive activities underscore the university's dedication to nurturing well-rounded, socially responsible, and skilled individuals.

Cluster	No. Of Sessions	No. Of Beneficiaries (Speakers)	No. Of Students attended
Cluster 1 -Technology	9	13	692
Cluster 2 - Life Sciences	7	12	814
Cluster 3 - Physical Sciences	10	15	863
Cluster 4 - Business, Communication & Entrepreneurship	5	9	454
Total	31	49	2823









Competition	Total No of Participants
Bhajan	7
Cartooning	7
Classical Dance (Indian)	21
Classical Instrumental Solo (Percussion - Tal Vadya)	2
Classical Instrumental Solo: (Non-Percussion-Swar Vadya)	2
Classical Vocal Solo: (Hindustani / Karnatak)	2
Clay Modeling	8
Collage	2
Debate	26
Duha – Chhand	6
Elocution	20
Folk / Tribal Dance	230
Gazal Shayari and Kavya Lekhan- Kavya Pathan	7
Group Song: (Indian)	13
Group Songs: (Western)	2
Hastakala Hobby	13
Light Vocal: (Indian)	4
Lokgeet	4
Mahendi Competition	39
Mime	7
Mimicry	2
Mono Acting	8
On the Spot Painting	16
Poster Making	7
Pracheen Raas	113
Quiz	44
Rangoli	19
Sarjanatmak Karigari	12
Skit	58
Spot Photography: (Included in Inter College competition)	18
Story- Telling	18
Western Vocal Solo	4
<b>Grand Total</b>	<b>741</b>









SWAMI SHREEJI

SARVODAY KELAVANI SAMAJ MANAGED

**Shri Manibhai Virani & Smt. Navalben Virani Science College**

(An Autonomous College affiliated to Saurashtra University, Rajkot)

**NAAC Assessment & Accreditation Cycle - III: 'A++' grade with CGPA 3.65 on 4 point scale**



## Environmental Audit Certificate

For the Period: June 2023 to May 2024



This certificate confirms that an Environmental/Green Audit was conducted at **Atmiya University, Rajkot**, to assess the implementation of green initiatives and eco-friendly practices, particularly in the area of Green Campus Management.

The audit assessed the authenticity of the data provided by the institution and the effectiveness of its sustainability efforts. The recommendations outlined in the audit report are based on the information available at the time of the audit.

I assure that the data presented is authentic to the best of my knowledge & I agree to comply with the recommendations received this report within a year at maximum after the internal review.

<p><b>Dr. Divyang D. Vyas,</b> Registrar, Atmiya University, Rajkot-360005-Gujarat-India</p>	  <b>Registrar</b> Atmiya University Rajkot
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The audit concluded that the environmental quality on campus is found **adequate and efficacious** and meets the required standards.

<p><b>Ravi S. Tank</b> (Recognised Schedule-I Environmental Auditor, Gujarat Pollution Control Board- GPCB - Gandhinagar, Gujarat)</p> <p>I/c Director, Environmental Audit &amp; Consultancy Cell, Shri Manibhai Virani &amp; Smt. Navalben Virani Science College, Yogidham Gurukul, Kalawad Road, Rajkot-360005-Gujarat-India</p>	  <b>I/C Director,</b> Environmental Audit & Consultancy Cell, Shri Manibhai Virani & Smt. Navalben Virani Science College, Rajkot
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### Please note:

- This certificate is valid only for the specified audit period.
- The certificate may be revoked if there are changes to the institution's green practices or if the provided data is found to be misleading.
- The audit findings are solely based on the data submitted by the institution and the observations made by the audit team during the audit.



# 2<sup>nd</sup> International Conference on EMERGING TRENDS & CONTEMPORARY PRACTICES **ICETCP-2024**

Sponsored by



All India Council for  
Technical Education

9 - 10 February, 2024, Rajkot (India)

Theme

**Technology | Sustainability | Co-Existence**

## Partners & Supporting Organizations



**MZUMBE UNIVERSITY**  
CHUO KIKUU MZUMBE



We Support



Sharing  
a Culture  
of Intellectual  
Social  
Responsibility







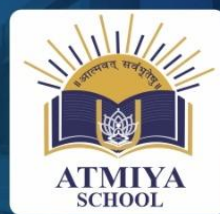


*Congratulations*

to all stakeholders of Atmiya University,  
Shri M. & N. Virani Science College & Atmiya School  
for

**Highest Valuable Contribution at  
Gujarat State Level & Rajkot District Level Contribution  
in Armed Forces Flag Day**

**Atmiya Group of Institutions**



is being honoured by  
**Sainik Welfare & Resettlement, Gujarat State &  
District Sainik Welfare & Resettlement Office**











# Sustainability





Sr. No.	Name of Initiative	Action Taken
1.	Energy Conservation	<ul style="list-style-type: none"><li>- Installation of energy-efficient lighting systems.</li><li>- Solar panels for renewable energy generation.</li><li>- HVAC systems optimization.</li></ul>
2.	Waste Management	<ul style="list-style-type: none"><li>- Introduction of recycling bins for waste segregation.</li><li>- Promotion of composting for organic waste.</li><li>- Reduction of single-use plastics.</li></ul>
3.	Water Conservation	<ul style="list-style-type: none"><li>- Water-saving fixtures installed.</li><li>- Implementation of rainwater harvesting systems.</li><li>- Awareness campaigns on water conservation.</li></ul>
4.	Green Transportation	<ul style="list-style-type: none"><li>- Promotion of cycling, carpooling, and public transportation to minimize carbon emissions.</li></ul>
5.	Biodiversity Conservation	<ul style="list-style-type: none"><li>- Preservation of existing green spaces.</li><li>- Plantation of native trees and vegetation.</li><li>- Creation of biodiversity corridors.</li></ul>
6.	Curriculum Integration	<ul style="list-style-type: none"><li>- Inclusion of sustainability and environmental studies across various disciplines.</li></ul>





20+ Buses (BS-VI)

800+  
Beneficiaries

Eco Friendly  
Transportation



# Beyond the Campus Sustainability Initiatives



Beyond the campus environmental promotion and sustainability activities	Date of Activity
Food Planet Health Webinar	14-07-2023
Tree plantation at Paddhari	16-07-2023
Tree plantation at Parevada	23-08-2023
Gram Sabha and Village Survey at Parevada	26-01-2024
Swachh Bharat Mission	24-10-2023
Tree Plantation	13-08-2023
One Tree Plantation	16-07-2023
7-Days Jeevan Vidya Parichay Shivir/Workshop Jeevan Vidya Parichay Shibir for 100 Jawan of SRPF Group 13 Ghanteshwar Rajkot-Shibir-1	01-01-2024 to 07-01-2024
7-Days Jeevan Vidya Parichay Shivir/Workshop Jeevan Vidya Parichay Shibir for 125 Jawan of SRPF Group 13 Ghanteshwar Rajkot-Shibir-3	05-02-2024 to 11-02-2024
7-Days Jeevan Vidya Parichay Shivir/Workshop Jeevan Vidya Parichay Shibir for 100 Jawan of SRPF Group 13 Ghanteshwar Rajkot Shibir-4	01-03-2024 to 07-03-2024
7-Days Adhyayan Satra	19-12-2023 to
Conduct Adhyayan Satra at Manav Teerth	23-12-2023
7-Days Adhyayan Satra	26-02-2024 to
Adhyayan Session on Karm Darshan	04-03-2024
7-Days Jeevan Vidya Parichay Shivir/Workshop	20-11-2023 to
Jeevan Vidya Parichay Shibir KJIT Shavli	25-11-2023



State Reserve Police Force (SRPF), Rajkot

Exylon Pesticides, Pipalana, Rajkot

Athena Fincorp Pvt. Ltd.

Molsyns Research - Ahmedabad

Divya Path Sansthan, Amarkantak

The Institute of Chartered Accountants of India

Dadaji Life Sciences Pvt. Ltd.

Youth Development Pharmaceutical Association (YDPA)

RENOVA LIFESCIENCES PRIVATE LIMITED

Regional Community Science Center

Bolbala Charitable Trust

Sadbhavna Vrudhhashram

Wiptech Peripherals Pvt. Ltd.

D.R.Parmar Construction

WICCI: Women's Indian Chamber of Commerce & Industry

K M Pharma Solutions Pvt Ltd, Moraiya, Changodar, Ahmedabad

The Maharaja Sayajirao University of Baroda

Diroctorate of Forensic Science

Hemchandracharya North Gujarat University

The Swami Ramanand Teerth Marathwada University

Veer Narmad South Gujarat University

College of Veterinary Medicine, Iowa State University, USA

College of Science, King Saud University

Universiti Malaya, Malaysia

Shree M P Shah Govt Medical College

GMERS Medical College

Agricultural University of Junagadh

Cedars-Sinai Medical Centre Los Angeles- USA

Institute of Science and Research, UPL University of Sustainable Technology

Gujarat Biotechnology Research Centre (GBRC)

Bhakta Kavi Narsinh Mehta University

Goa College of Pharmacy

Institute of Chemical Technology

RK University

Reliance Industries Ltd, Jamnagar

Vellore Institute of Technology

Kamani Science college and Prataprai arts college

C U Shah University

Ganpat University

KSKV Kutch University

ICAR-DMAPR

Smt. Narsamma art commerce and science college

SVNIT

Indrashil University

Chiang Mai University

Techno India University

Department of Pharmaceutical Technology, NSHM Knowledge Campus

Global College of Pharmaceutical Technology

SVKM'S NMIMS Deemed-to-be University

Gujarat Technological University

King Khalid University, Abha, Saudi Arabia

Prince Sattam Bin Abdulaziz University, Al-Kharj, Saudi Arabia

Qassim University, Unaizah, Saudi Arabia



# Jeevan Vidya Initiatives





## Highlights of Universal Human Values Activities

Sr. No.	Item	Participants
1	8-Days FDP on Humanization of Education	250
2	8-Days Jeevan Vidya Parichay Shivr	450
3	Organized National Level 26 <sup>th</sup> Jeevan Vidya Convention	925
4	Happiness Meet for Interested Students	30
5	National Level Conference on Sustainable Future	100

## Outreach activities

Sr. No.	Item	Participants
1	7-days Jeevan Vidya Parichay Shivr (5)	500
2	Capacity Building Program for Industries (4)	100
3	Adhyayan Shivr for SVP School, Surat	80
4	Expert Session on Role of Education for Neighboring Institute	70
5	Jeevan Vidya Samajik Parichay Shivr for KJIT, Savli and Angel School, Deesa	250



The **Universal Human Values (UHV) Activities 2024-2025** at Atmiya University focus on fostering a holistic development environment by embedding human values within academic and social practices. These initiatives are targeted toward both faculty members and students, aiming to align individual growth with community well-being. The program includes structured workshops, interactive seminars, and outreach initiatives to extend the principles of universal human values beyond campus boundaries. The ultimate goal is to integrate UHV principles into institutional practices, cultivating a culture of mutual respect, ethical behavior, and a sustainable society.

S N	Category	Details	Target Audience
1.	FDPs	Workshops and seminars to enhance UHV understanding and integration in pedagogy.	Faculty Members
2.	Student Engagement	Interactive sessions, courses, and activities focused on applying UHV in daily life.	Undergraduate Students
3.	Institutional Integration	Initiatives to incorporate UHV into institutional policies and academic frameworks.	Faculty & Administration
4.	Community Outreach	Partnerships, projects, and events to promote UHV principles in the broader community.	External Stakeholders
5.	Collaborative Projects	Joint initiatives with other universities and organizations to propagate UHV concepts.	All Stakeholders







# ATMIYA UNIVERSITY



## Holistic Development

### व्यवसाय

Capability for Livelihood  
Knowledge | Skill  
Aptitude

### व्यवहार

Capability to Work &  
Live with others  
Behavior | Attitude  
Environment

### चेतना विकास

Capability to Evolve as Human  
Understanding  
Harmonious Living

## Our Model of Transformative Education



Unique Initiative **Faculty of Transformative Education** with  
School of Consciousness Development & Value Education  
School of Sustainability | School of Indian Knowledge System

**Diploma | Bachelor | Master | Doctorate (Ph.D.)**

Science, Business & Commerce, Engineering & Technology,  
Health Sciences, Humanities & Social Sciences, Transformative Education

**Campus: Yogidham, Kalawad Road, Rajkot - 360005. (Gujarat)**

🌐 [www.atmiyauni.ac.in](http://www.atmiyauni.ac.in) 🐦 in @ f atmiya university

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