



Prof. Shashank T. Mhaske
Director, ICT Jalna



Streamlining minds मागजल

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Prof. Aniruddha Pandit
Vice Chancellor, ICT

MARJ Newsletter



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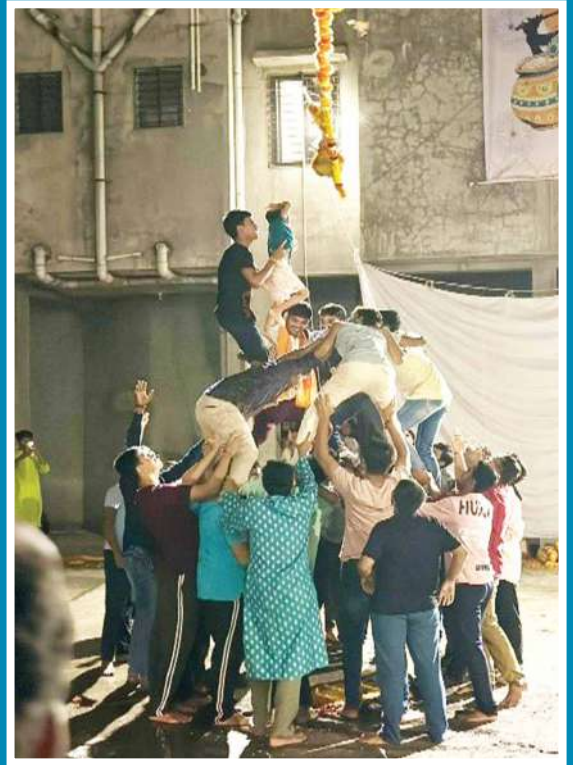
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▲ Nutrition Fiest 4.0



▲ Krishna Janmashtmi



▲ Students' visit to ICT Jalna



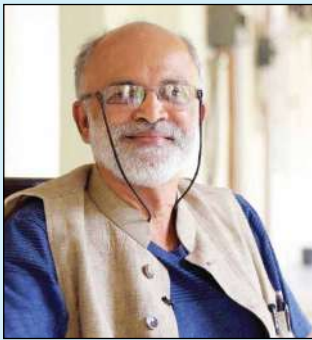
▲ Dussehra Celebration



▲ Ganesh Chaturthi at Hostel



Encouragement from the Vice Chancellor



“Very proud to share you flag and flavour of ICT Jalna not only local but also National and Global platform”.



Dear Esteemed Members of the ICT – MARJ Community,

It is an honour to extend my heartfelt greetings to all of you as we reflect on the past achievements and dynamic activities that are continuing to shape our prestigious institution, ICT- MARJ. In recent times, our campus has transformed into a vibrant hub of intellectual discourse, ground breaking research, and holistic development, driven by the unwavering dedication and collaborative efforts of our esteemed faculty, committed staff, and talented students, supported by our local alumni and their industries. As we celebrate significant national and cultural milestones, including Independence Day, Teacher’s day, NutriFest and many others, we recognize the rich diversity that defines our campus community. These occasions are poignant reminders of the values of unity, inclusivity, and cultural harmony that are at the core values of our country imbibed in this Institution. I am particularly proud of the outstanding success of events such as Nutrition Fiesta 4.0, which not only promote health and wellness but also highlight our commitment to academic excellence and community engagement. These initiatives exemplify our holistic approach to education, where physical and mental well- being is an integral part of the intellectual growth and personal development. Additionally, the academic

achievements of our faculty, the successes of our students in extra and co-curricular activities and the innovative contributions of our faculty and PhDs through the TARA program showcase the relentless pursuit of excellence that defines ICT- MARJ. From pioneering research publications by creative student to led initiatives, each accomplishment reflects our collective commitment to pushing the boundaries of knowledge and making meaningful contributions to industry and society. The encouragement in celebrating the 6th Foundation Day, Nutrition Fiesta 4.0, Pharma Day, and hostel activities like Ganesh Chaturthi contributed to their great success. Furthermore, the ICT Marathwada Blood Donation Drive collecting 60 pints of blood stands as a testament to the spirit of community and compassion within our institution. As we look to the future, let us continue to cultivate a culture of innovative, collaboration, and excellence that defines ICT- MARJ. Together, let us embark on a journey of continued growth and progress, guided by our shared vision of creating a brighter, more sustainable future for generations to come. With sincere appreciation for your unwavering dedication and contributions to our shared values and goals.

Professor A. B. Pandit
Vice Chancellor
ICT Mumbai



From Director's Desk



"It is really proud to expand the academic and research culture at ICT Jalna campus. Keen to drive the campus at next level"



Dear Esteemed Readers,

It is my distinct pleasure to communicate with you through the revered platform of Margjal, our treasured college magazine. As we embark on a journey through the milestones and achievements of ICT MARJ, I am filled with immense pride in the remarkable endeavors of our campus community.

This year holds a special place in my heart as it marks the day I was entrusted with the responsibility of leading this vibrant institution as Director. Since then, I have witnessed our campus transform into a hub of innovation, excellence, and camaraderie.

The academic year has been a tapestry of achievements, beginning with the spirited celebration of Independence Day, where we reaffirmed our commitment to the values that unite us as a nation. Cultural festivities such as Ganesh

Chaturthi brought vibrancy and joy to campus life, fostering a sense of unity among students and staff.

Our commitment to health and wellness was evident through NutriFiesta 4.0, which focused on promoting nutrition and mental well-being. The ICT Marathwada Blood Donation Drive showcased the compassion and social responsibility of our community, making a significant societal impact.

These accomplishments reflect the unwavering dedication and efforts of our students, faculty, and staff. As we celebrate these milestones, I extend my heartfelt gratitude to each member of our ICT MARJ family for their contributions. Together, let us continue striving for excellence and making meaningful contributions to society and beyond.

Professor Shashank T. Mhaske
ICT MARJ Director

Felicitation of MARJ Director on 29th Aug.2024



ACADEMIC VENTURE

Welcome once again to the new issue of “MargJal,” the vibrant literary canvas of ICT MarJ College. This time drawing inspiration from the timeless wisdom of Nelson Mandela, we recognize that the true purpose of education extends beyond mere information exchange; it is a transformative journey that empowers the mind, nourishes the soul, and instills a lifelong passion for critical thinking and ethical leadership.

Nelson Mandela once said, “Education is the most powerful weapon which you can use to change the world.” At ICT MarJ College, “MargJal” embodies this guiding principle, serving as a platform for our community to learn, grow, and excel as scholars and compassionate individuals.

Within the pages of “MargJal,” you will encounter a rich tapestry of voices, each

contributing their unique narratives, insights, and talents that define our college community. From enlightening essays to stunning artwork, from thought-provoking interviews to inspiring stories of perseverance and innovation, our magazine captures the vibrant intellectual and creative spirit that thrives at ICT MarJ College.

Join us on this literary journey as we celebrate the diversity of ideas, the depth of scholarship, and the transformative power of education. “MargJal” invites you to explore the heart of our college community, where every page stands as a testament to the pursuit of knowledge, the cultivation of character, and the endless possibilities that await us.

Welcome to “MargJal,” where intellect soars, imagination flourishes, and the spirit of inquiry lights the way to a brighter tomorrow.

Welcoming the ICON OF ICT as Chancellor and visionary as Leader

Professor J. B. Joshi, Emeritus Professor of Eminence and Chancellor of ICT



Team MARJ
C o n g r a t u l a t e
Professor Jyeshtharaj
Bhalchandra Joshi
sir as chancellor of
ICT as apex leader.
He is an outstanding
chemical engineering
professional who
has developed novel

processes, designs, products and implemented in large, medium and small-scale industry including design of more than 1000 reactors for commercial operation. Held more than 300 workshops for promoting science awareness among school going students. As President of Martathi Vidnyan Parishad, he has been actively driving the task of improving scientific temper of the society through 80 different activities.

He was director of ICT (1999-2009). Professor

Joshi has guided over 100 Ph.D. and 60 Masters thesis. He has published more than 630 papers in international cited journals and more than 100 state of the art reviews / monographs / book chapters. He has been honoured with Padma Bhushan by the President of India in the year 2014. The list of prominent awards includes: Fellowship of TWAS, INSA, IASc, INAE; S.S. Bhatnagar Prize 1991 (CSIR), Fellow Maharashtra Academy of Sciences, 1987, Herdillia Award 1989 (IChE), VASVIK Award 1992, Dr. K.G. Naik Gold Medal 1995 (MS University Baroda), Vishwakarma Medal 2000, (INSA), 2000; State Best Teacher Award 2004 (Maharashtra), J.C. Bose Fellow, 2008 (DST), Life Time Achievement Award (Indian Chemical Council), Sayed Husain Zaheer Medal 2008 (INSA), Eminent Engineer Award 2018 (Engineering Council of India), Foreign Member of US National Academy of Engineering. We students, faculties and non-teaching staff welcome you as leader of ICT sir.

Prof. Shashank Mhaske as Director of MARJ campus



Team MARJ welcome Prof. Shashank Mhaske as Director of MARJ campus on 14th Aug. 2024. His contribution in administration, teaching and



research uplift the upcoming ICT Jalna campus. We students, faculties and non-teaching staff welcome you as caption of ICT Jalna campus.

REJOICINGS

ICT MARJ AUDITORIUM MARKS ITS 6TH FOUNDATION DAY CELEBRATION (5TH MAY 2024)

The ICT Marj Auditorium witnessed a grand celebration of its 6th Foundation Day on May 5, 2024. The event was a blend of in-person and online participation, graced by esteemed dignitaries. The Vice Chancellor, Dr. Pandit, and Registrar, Dr. Jogi, attended virtually, while the Director, Dr. Annapure, along with the Chief Guest, Dr. Vikas Sakpal and Guest of Honor, Dr. M.M. Sharma was present on campus to mark the occasion.

The program began with the ceremonial lighting of the lamp, symbolizing knowledge and prosperity. This was followed by inspiring speeches from all the dignitaries. Each shared

their thoughts on the institution's journey, achievements, and vision for the future.

The highlight of the event was the address by the Chief Guest, who commended the institution for its contributions to education and research. Dr. Sharma, shared his valuable insights, encouraging the faculty and students to strive for excellence.

The celebration concluded with a heartfelt vote of thanks delivered by the Deputy Director, Dr. Nemade, expressing gratitude to everyone who contributed to the success of the event. The day marked yet another milestone in ICT Marj's journey, fostering hope and determination for the years ahead.

OUT COME OF MARJ CAMPUS

जालना नायक

आयसीटीच्या ८ विद्यार्थ्यांना अमेरिकेची फेलोशिप

जालन्याचा तेजस जैरंगे जाणार पिट्सबर्ग येथे, संचालक डॉ.एस.टी.म्हस्के यांची माहिती

जालना नायक वृत्तसेवा

संजय देशमुख

जालना: इन्स्टिट्यूट ऑफ केमिकल टेक्नॉलॉजी (आयसीटी), जालना येथून शिक्षण घेत असलेल्या आठ विद्यार्थ्यांना नामांकित आंतरराष्ट्रीय विद्यापीठांमध्ये उच्च शिक्षणासाठी प्रतिष्ठित अशी फेलोशिप मिळाली असून ही जालना विभागासाठी मोठी अभिमानाची बाब आहे.

२०१९-२०२४ या बॅचमधील हे सर्व विद्यार्थी आहेत. या आठ विद्यार्थ्यांमध्ये तेजस जैरंगे हा विद्यार्थी जालन्याचा असून बाकीचे विद्यार्थी राज्यातील इतर शहरातून आलेले आहेत. या विद्यार्थ्यांच्या अमेरिकेतील विविध विद्यापीठात नंबर लागला असून जालन्याच्या तेजस जैरंगे यांची कामगिरी मेलॉन, पिट्सबर्ग, पेनसिल्व्हेनिया, यूएसए येथे निवड झाली आहे. त्याचप्रमाणे नॉर्दिक सांख्यिकी, मुंबईचा रोहन थोटा दक्षिण फ्लोरिडा, यूएसए येथे जाऊन आपले संशोधन करणार आहेत. जळगावच्या वृषांक ढाके याचा वाशिंग्टन युनिव्हर्सिटी यूएसए येथे नंबर लागला असून, जामनगर येथील अंशुकर मुळगे यांचे ओटावा कॅनडा विद्यापीठासाठी नंबर जाहीर झाले आहे.



नवी मुंबईचा अनिकेत शितोळे केटीएच रायल इन्स्टिट्यूट टेक्नॉलॉजी रवीडन येथे जाणार आहे, तर पालघर येथील प्रथम शाहची मॅक मास्टर युनिव्हर्सिटी कॅनडासाठी आणि युनिव्हर्सिटी मिशिगन यूएसएसाठी पुण्याच्या बाब यांची फेलोशिपसाठी निवड झाली आहे. गेल्या वर्षी २०१८-२०२३ बॅचमधील नऊ विद्यार्थ्यांची आघाडीच्या जागतिक विद्यापीठांमध्ये उच्च शिक्षणासाठी निवड झाली होती, हे विशेष.

उत्कृष्टतेचा वारसा जपणारी जालना आयसीटी

मुंबईची शाखा असलेल्या जालना



तेजस जैरंगे

कॅम्पसने रासायनिक अभियांत्रिकी, तंत्रज्ञान आणि फार्मास्युटिकल विज्ञानातील उत्कृष्टतेचा संस्थेचा वारसा कायम ठेवला आहे. आयसीटी जालनाचे संचालक डॉ. एस.टी. म्हस्के याबाबत बोलताना म्हणाले की, आयसीटीच्या उल्लेखनीय माजी विद्यार्थ्यांमध्ये रितायवन्स इंडस्ट्रीजचे अध्यक्ष मुकेश अंबानी, एशियन पेट्सचे उपाध्यक्ष अश्विन दाणी आणि सन फार्माचे उपाध्यक्ष प्रवीण कुमार अरोरा यांचा समावेश आहे हे सांगताना आम्हाला विशेष आनंद होतो. संस्था संशोधक विद्यार्थी आणि अष्टपैलू व्यावसायिकांना नेहमीच प्रोत्साहन देत असते, असेही ते

रासायनिक अभियांत्रिकी म्हणजे काय ?

रासायनिक अभियांत्रिकी हे असे अभियांत्रिकी क्षेत्र आहे, जे रासायनिक वनस्पतीचे ऑपरेशन आणि डिझाइन तसेच उत्पादन सुधारण्याच्या पद्धतींचा अभ्यास करते. रासायनिक अभियंते कच्च्या मालाचे उपयुक्त उत्पादनांमध्ये रूपांतर करण्यासाठी किफायतशीर व्यावसायिक प्रक्रिया विकसित करू शकतात. प्रयोगशाळेतून नॅनोटेक्नॉलॉजी आणि नॅनोमटेरियल्सचा वापर करणे, तसेच रसायने, कच्चा माल, जिवंत पेशी, सूक्ष्मजीव आणि ऊर्जा यांचे उपयुक्त स्वरूप आणि उत्पादनांमध्ये रूपांतर करणाऱ्या मोठ्या औद्योगिक प्रक्रियांपर्यंतची विविध प्रकारची कामे रासायनिक अभियंते करू शकतात. रासायनिक अभियंते सामान्यतः रासायनिक अभियांत्रिकी किंवा प्रक्रिया अभियांत्रिकी पदवी घेऊ शकतात. अशा अभियंत्यांना व्यावसायिक प्रमाणपत्र मिळू शकते आणि ते व्यावसायिक संस्थेचे मान्यताप्राप्त सदस्यही असू शकतात. रासायनिक अभियांत्रिकीची पदवी इतर सर्व अभियांत्रिकी शाखांशी थेट जोडलेली असते, असेही जालना येथील आयसीटीचे संचालक डॉ.एस.टी.म्हस्के यांनी दैनिक जालना नायकशी बोलताना सांगितले.



म्हणाले.

पायाभूत सुविधा आणि संशोधनाचे लक्ष

सध्या जालन्याची संस्था एम.आय.डी.सी.मध्ये २०१८ पासून खाजगी इमारतीत कार्यरत आहे. कायमस्वरूपी कॅम्पससाठी जालना शहरापासून १० किमी अंतरावर सिरसवाडी येथे २०० एकर जागा संस्थेला देण्यात आली असून सरकारने जमिनीचे मोजमाप पूर्ण करून पायाभूत सुविधांच्या विकाससाठी निधी मंजूर केली आहे, असेही म्हस्के म्हणाले.

गवतापासून परस्यूम काढणे आणि कृत्रिम झुस्टिकचे टिकाऊ पर्याय म्हणून बायोपॉलिमर विकसित करणे ही उद्दिष्टे घेऊन ही संस्था काम करत आहे. नैसर्गिक संसाधनांपासून बनवलेल्या बायोपॉलिमरसंच अन्न आणि वैद्यकीय उद्योगांमध्येही उपयोग होत आहे.

डॉ. म्हस्के यांनी विद्यार्थ्यांच्या वशावट अंभमान व्यक्त करून जागतिक स्तरावर शैक्षणिक आणि औद्योगिक प्रगतीमध्ये योगदान देण्याच्या संस्थेच्या ध्येयवाक्यांसाठी देऊन प्रकाश टाकला.

LOKMAT TIMES • Anchor

Eight ICT Jalna students selected for study abroad

Last year, 9 students were selected for higher studies

AHMED NOOR
JALNA

Eight students from the Institute of Chemical Technology (ICT), Jalna, have achieved a significant milestone by securing prestigious fellowships for higher studies at renowned international universities.

These students, from the 2019-2024 batch, represent not only Jalna but also other places of the country. Their achievements reflect the institute's commitment to academic excellence and research innovation.

Student Tejas Jairange

(Jalna), has been selected for Carnegie Mellon, Pittsburgh, Pennsylvania, USA. Sarang Shindalkar (Nanded), Rohan Thota (Mumbai) for University of South Florida, USA. Vrushank Dhake (Jalgaon) for University of Washington, USA, Omkar Muley (Jamnagar), for University of Ottawa, Canada, Aniket Shitole (Navi Mumbai) for KTH Royal Institute of Technology Sweden, Pratham Shah (Palghar) for McMaster University, Canada, and Raj Wagh (Pune) for University of Michigan, USA, have been selected for fellowship.

Last year, nine students from the 2018-2023 batch had been selected for higher studies at leading global universities.

ICT's legacy of excellence

The ICT Jalna campus, a branch of the ICT Mumbai, has upheld the institute's legacy of excellence in chemical engineering, technology, and pharmaceutical sciences. Established in 1933, ICT Mumbai was granted deemed university status in 2008, making it the only state-funded deemed university in India. The ICT has two campuses Jalna and Bhubaneswar.

Dr S T Mhaske, director of ICT Jalna said notable alumni of ICT include Mukesh Ambani, chairman of Reliance Industries, Ashwin Dani, vice president of Asian Paints, and Pravin Kumar Arora, vice president of Sun Pharma. The institute's flagship integrated M Tech programme blends a

major in chemical engineering with minors in specialised chemical technologies, fostering versatile professionals.

Infrastructure and research focus

Currently operating from a private building at MIDC Jalna since 2018, the institute has been allocated 200 acres of land at Siraswadi, 10 km away from Jalna town for a permanent campus. The government has completed land measurements and sanctioned funds for infrastructure development, said Mhaske.

The campus is engaged in pioneering research, including the extraction of perfumes from grass and the development of biopolymers as sustainable alternatives to synthetic plastics. Biopolymers,

derived from natural resources, have applications in the food and medical industries and can significantly reduce environmental impact by replacing fossil-fuel-based plastics.

Vision for Marathwada

The ICT aims to catalyse entrepreneurship and innovation in Marathwada. It seeks to create a bridge between industry, agriculture, environment, and society, driving wealth generation from knowledge and fostering sustainable development.

Dr Mhaske said, "Our students have made us proud with their global recognition. The ICT Jalna campus will continue to nurture talent and drive impactful research for the benefit of society and the environment."

CELEBRATING PRAFULYA RAI CHANDRA JI (11TH JULY 2024)

The college auditorium was filled with inspiration and reverence as students and faculty gathered to celebrate the life and legacy of Sir Prafulla Chandra Ray (1861-1944), the "Father of Indian Chemistry." The event aimed to honor his contributions to science, industry, and education while inspiring the next generation of chemical engineers.

The celebration commenced with a ceremonial lighting of the lamp, symbolizing the enlightenment and progress that Sir P.C. Ray championed throughout his life. The event featured an engaging keynote address by a guest lecturer from the chemical industry, who shed light on Ray's groundbreaking work in chemistry and his role in establishing Bengal Chemicals and Pharmaceuticals—the first Indian chemical manufacturing company. A multimedia presentation showcased the milestones of Ray's illustrious career, including his research in nitrites and his vision

of blending scientific innovation with industrial self-reliance.

Faculty members highlighted Ray's dedication to education and his role as a professor at the University of Calcutta, where he nurtured future leaders in science and industry. They emphasized his commitment to social responsibility,

encouraging students to emulate his values of perseverance, humility, and service.

The celebration concluded with a heartfelt vote of thanks, where the importance of carrying forward Rai's vision was reiterated. Students were encouraged to pursue their studies with the same spirit of curiosity, innovation, and dedication that defined Sir P.C. Ray's legacy.

The event was not only a tribute to an extraordinary individual but also a call to action for every budding chemical engineer to strive for excellence and contribute to societal progress, just as Sir Prafulla Chandra Ray did.

जालना नायक

आचार्य प्रफुल्ल चंद्र रे यांची १६३ वी जयंती साजरी

जालना नायक वृत्त
जालना: विद्या भारती आणि आयसीटी मराठवाडा कॅम्पस जालना यांच्या वतीने आयसीटी मराठवाडा कॅम्पस जालना येथील विद्यार्थ्यांसाठी आचार्य प्रफुल्ल चंद्र रे यांचे भारत आणि जगासाठीचे योगदान वा विषयवार व्याख्यान आयोजित करण्यात आले होते.

सुनील रावठड्डा (अध्यक्ष विद्या भारती देवगिरी प्रांत), प्रा.डॉ. रंजन गंगे (वरिष्ठ सायन्स कन्व्हेनिएटर), प्रा.डॉ. उदय अनारुरे (संचालक आयसीटी मराठवाडा कॅम्पस जालना) यांनी आचार्य प्रफुल्ल चंद्र रे यांच्या भारत आणि जगासाठी दिलेल्या योगदानावर भाष्य केले.



AN INSIGHTFUL VISIT OF LOCAL STUDENTS AT THE CAMPUS (30th JULY 2024)

On July 30th, the students of Sanskar Prabodhini Mahavidyalay had the opportunity to visit the renowned ICT Marathwada Campus in Jalna. This educational excursion allowed them to explore advanced laboratories and gain first-hand exposure to cutting-edge developments in science and technology. The visit was organized to inspire young minds by showing the real-world applications of their studies and introducing them to career possibilities in various scientific fields.

The students began with the Physics Lab, where they received a detailed introduction to various experimental setups and high-precision instruments, guided by Dr. Girish Joshi. Dr. Joshi's demonstrations made complex principles accessible, helping students understand the foundational concepts behind the apparatus and offering insights into the exciting applications of physics. Next, the students visited the Materials Lab, where they were introduced to materials science and its importance across industries. They saw how different materials are tested for properties such as durability and conductivity, giving them a new perspective on the role of material science in developing innovative products.

The tour then led them to the Chemical Engineering Labs, where students observed the complex equipment and methods used in chemical analysis and reaction engineering. Faculty members highlighted the impact of chemical engineering in fields such as pharmaceuticals, environmental protection, and sustainable energy. Furthermore, the students were shown high-end instrumentation at ICT Marathwada Campus, where they learned about the essential role of precision instruments in research and quality control. This exposure broadened their understanding of how instrumental analysis contributes to technological advancements and scientific discovery.

In summary, the visit to ICT Marathwada Campus provided the students of Sanskar Prabodhini Mahavidyalay with valuable insights into the applications of science and technology in the real world. The expertise shared by professionals like Dr. Joshi left a lasting impression, inspiring curiosity and encouraging the students to consider future careers in science and engineering. This experience not only strengthened their academic foundation but also ignited a spark for further exploration in these dynamic fields.





INDEPENDENCE DAY (15th AUGUST 2024)

The ICT Marj Campus celebrated the 77th Independence Day with grandeur and patriotic zeal. The event was a perfect blend of cultural expressions, motivational addresses, and a historic leadership transition, making it a cherished memory for the campus community.

The celebrations began under the enthusiastic guidance of anchor Garima Khotkar, who brought energy and warmth to the occasion. Patriotic songs and vibrant dance performances by the students showcased their talent and deep love for the nation. Each act resonated with the spirit of freedom and unity, captivating the audience.

Pratik Mali delivered an inspiring speech that reflected on the sacrifices made by the freedom fighters and the responsibilities of today's youth in nation-building. His powerful words urged the students and faculty to strive for innovation and excellence in their respective fields.

A pivotal moment of the event was the Director Charge Appointment Ceremony, where Dr. U.S. Annapure ceremoniously handed over the leadership to Dr. S.T. Mhaske. The transition

was marked by a sense of pride and optimism for the institution's future.

In his first address as Director, Dr. Mhaske expressed heartfelt gratitude and shared his vision for ICT Marj. He emphasized the importance of fostering academic brilliance and collaborative growth, leaving the audience motivated and hopeful.

The event's seamless execution was a result of the exceptional coordination led by Jayawant Panchal. TA Kapil Sagrolikar also played a crucial role, providing consistent support throughout the program to ensure its success. His dedication and behind-the-scenes efforts were deeply appreciated by all.

The day concluded with a sense of pride and unity among the attendees, who left the foyer inspired to uphold the values of freedom and contribute to the nation's progress. The Independence Day celebration at ICT Marj Campus was not just an event but a heartfelt tribute to India's rich legacy and a step towards a brighter future.

TEACHER'S DAY (5th SEPTEMBER 2024)

The Teachers' Day celebration at ICT MARJ was a delightful surprise event organized by the I.M.Tech 2021, 2023, and M.Tech 2023 batches, under the support and guidance of Director Prof. Shashank Mhaske. This heartfelt occasion brought together the teaching staff, TARA members, non-teaching staff, and supporting staff in a spirit of gratitude and joy.

The celebration commenced with the screening of a small, heartwarming movie that reflected the students' appreciation for their teachers. Following this, personalized gifts were presented to the faculty members as tokens of respect and admiration.

Adding to the event's charm was a mesmerizing musical performance by Ms. Fathima Hashir

from M.Tech Food 2023, whose melodious voice captivated the audience. Anushka Giramkar from 2023 I.M.Tech played a soothing tune on her Guitar. A speech by Mr. Pratik Mali from the 2021 I.M.Tech batch further enriched the event, expressing sincere gratitude towards the teachers and their invaluable contributions to students' growth.

The event was a glorious tribute to the educators and staff at ICT MARJ, celebrating their dedication and hard work in shaping the future of their students. It fostered a sense of community and respect, leaving everyone with cherished memories of this special occasion.



MARATHWADA MUKTI SANGRAM DIWAS (17th SEPTEMBER 2024)

Marathwada Mukti Sangram Din was commemorated at the Institute of Chemical Technology, Mumbai, Marathwada Campus, Jalna, on 17th September 2024, marking the liberation of the Marathwada region from the Nizam's rule. The event took place in the New Building Foyer, where students, faculty, and staff gathered to honor the spirit of freedom and resilience that defines the region.



The ceremony began with the Deputy Director, Dr. Parag Nemade, hoisting the national flag, symbolizing the triumph of justice and independence. Following the flag-hoisting, the campus community joined together in singing the National Anthem, followed by "Vande Mataram" and the Vidyapeeth Geet, all of which stirred a deep sense of unity and pride.



NUTRITION FIESTA 4.0 : FOSTERING HEALTH AND WELLNESS THROUGH NUTRITION DIET FOR ALL (19th TO 27th SEPTEMBER 2024)

This year, our college hosted Nutrition Fiesta 4.0, a dynamic event dedicated to raising awareness about the essential role of a nutritious diet in promoting health and well-being. With the theme "Nutritious Diet for All," the event emphasized healthy eating practices across demographics and encouraged balanced nutrition as a cornerstone for a better life. The festivities began on September 19, 2024, inaugurated in the esteemed presence of our honorable Vice-Chancellor, Prof. A. B. Pandit, and our director, Prof. S. T. Mhaske, embodying the motto, "Let your food be your medicine."

The event featured a variety of online and on-campus activities, bringing together a wide audience from across India to partake in competitions, expert discussions, and informative workshops. Nutrition Fiesta 4.0 reached

remarkable heights of engagement, thanks to enthusiastic responses from participants and widespread promotion through Unstop and social media platforms.

1. Engaging Competitions: Creativity and Knowledge at Its Best

The Nutrition Fiesta 4.0 included an exciting series of competitions that creatively and intellectually engaged students from across the country. Through Nutri Canvas, Nutri Nerd, and Nutri Ninja, participants dived into the world of nutrition, gaining new insights while showcasing their artistic, analytical, and interactive skills. Together, these competitions created a unique blend of creativity, knowledge, and friendly competition, making them one of the most memorable highlights of the event.



• Nutri Canvas:

A poster-making competition held from September 21 to 29, invited students to use visual art to explore important nutrition topics. With impactful themes such as Hunger-Free Horizon, Wellness Wins, She Health, Nutri-Pride, and Myth-Free Nutrition, NutriCanvas offered participants the chance to convey their messages on various nutrition issues creatively. Each theme encouraged students to think deeply about specific nutrition topics: envisioning a world free from hunger, celebrating the role of nutrition in mental and physical health, addressing women's unique dietary needs, and even debunking common myths about food and health. The posters were vibrant and informative, artfully combining facts and creativity to present important ideas. The judges were highly impressed by the participants' talent and the thoughtful messages conveyed, making this competition a powerful platform for nutrition advocacy through art.

• Nutri Nerd:

An online quiz competition that tested participants' knowledge across a range of nutrition topics, attracting students eager to showcase their expertise in everything from diet basics to advanced nutritional science. The quiz challenged students' understanding of essential topics such as macronutrients, micronutrients, and their roles, as well as food safety practices, the relationship between diet and diseases like diabetes and heart disease, and even nutritional policies aimed at improving health standards in India and globally. The questions were not only a test of knowledge but also an opportunity to learn, with the answers revealing valuable information and practical guidance. The competition concluded with the crowning of top "Nutri Nerds" who demonstrated exceptional precision and quick thinking in nutrition science.

• Nutri Ninja:

The games competition, learning about nutrition became a fun, interactive experience that allowed participants to engage with health topics in a refreshing way. Through various games, students deepened their understanding of food

categories, balanced diets, and dietary needs. One popular game, the Nutritional Treasure Hunt, had participants racing to solve clues based on nutrition facts, uncovering information on food labels, portion control, and healthy meal choices. In another activity, Role-Playing Games, participants were assigned dietary roles—such as vegetarian, vegan, or athlete—and tasked with planning balanced meals that met their specific nutritional requirements, helping them understand the varied needs of different dietary lifestyles. Participants also enjoyed Interactive Puzzles where they identified nutritional elements in common foods, learning as they went along. These games not only fostered a healthy dose of competition but also reinforced nutrition concepts in an engaging, hands-on way, making learning fun for all involved.

Together, NutriCanvas, Nutri Nerd, and Nutri Ninja added a new dimension to Nutrition Fiesta 4.0. By combining art, knowledge, and interactive play, these competitions brought nutrition education to life, leaving participants with a richer understanding of health and wellness and the tools to make informed food choices. Through these experiences, Nutrition Fiesta 4.0 demonstrated that learning about nutrition can be both enjoyable and impactful, fostering a lifelong commitment to healthier living.

2. Insights from Experts: The Nutri Chat Series

The Nutri Chat series, held from September 20 to 26, brought esteemed experts to our campus and online platforms, offering in-depth insights into various aspects of nutrition. Highlights from these sessions included:

Mrs. Rashmi Joshi, District Dietician (Jalna): She led an insightful offline session, emphasizing government nutrition policies and practical ways they are being implemented to improve public health.

Dr. J. Sreenivasa Rao, Scientist, ICMR-National Institute of Nutrition: Dr. Rao's online session highlighted the importance of a nutritious diet across age groups, offering valuable guidelines



for incorporating balanced nutrition into daily life.

Dr. Zubeda Tumbi, Founder of Health Watch Nutrition Clinic: In her engaging session titled “What, How, and Why?” Dr. Tumbi discussed the importance of healthy eating habits for young adults, offering practical advice on managing common challenges such as stress eating.

Mr. Maroti Dube, Central Food Safety Officer (FSSAI): Mr. Dube’s session focused on food labeling regulations, particularly nutrient content claims, equipping participants with the skills to make informed food choices.

Ms. Atulya T. Dev, Nutritionist and Personal Trainer (UK): Ms. Dev discussed the societal and environmental factors influencing obesity in India, such as urban infrastructure and cultural norms, stressing the need for a supportive environment for effective dietary changes.

Mr. Sachin Solanki, Dietician, Govt. Civil Hospital (Buldhana): In a thought-provoking session, Mr. Solanki addressed the unique nutritional needs of diverse populations, underlining the importance of personalized dietary guidelines.

These expert sessions brought new perspectives to students and faculty, motivating everyone to make healthier, more informed dietary choices.

3. Real-World Challenges: Nutri Quest - Industry Defined Problems

The Nutri Quest competition was a standout event of Nutrition Fiesta 4.0, specifically designed to bridge classroom learning with real-world challenges faced by the food industry. This unique competition centered on one of the industry’s pressing issues: nutrient losses during food processing. With a focus on practical, solution-oriented thinking, Nutri Quest encouraged students to apply their academic knowledge to develop innovative and feasible solutions for these challenges, giving them invaluable experience in tackling industry-defined problems.

Nutri Quest unfolded over two rounds, held from September 21 to 28, and drew participation from 25 talented students, each eager to make a mark with their ideas. In the first round, participants received problem statements inspired

by current challenges in the food industry, such as how to retain essential vitamins, minerals, and other nutrients that are often lost during processes like cooking, drying, and pasteurization. Each student had to analyze these issues and propose a preliminary solution, demonstrating their grasp of food science and processing technologies. After careful evaluation, six finalists were selected based on the depth of their understanding and the potential of their ideas.

In the second round, the finalists presented their solutions in an engaging series of PowerPoint presentations. This round provided the students with an opportunity to elaborate on their ideas, explaining not only the technical aspects but also the feasibility and potential impact of their solutions. Each finalist showcased remarkable creativity and analytical skills, suggesting methods such as optimizing processing temperatures, using natural preservatives, and employing alternative preservation techniques to minimize nutrient loss. These innovative ideas impressed the judges, who praised the participants for their thorough research, technical understanding, and forward-thinking approaches.

Nutri Quest was more than just a competition—it was a demonstration of the practical potential of our students to address complex, real-world issues. The event highlighted how academic knowledge, when applied creatively, can lead to meaningful solutions for the food industry. The enthusiasm and ingenuity displayed by the finalists underscored the dedication of the participants and the promise they hold as future professionals in the field. Nutri Quest proved to be a valuable learning experience, instilling in students a problem-solving mindset and a readiness to contribute to innovations in food science and nutrition.

4. On-Campus Highlights: Personalized and Hands-On Learning

- **Diet Clinic:** Personalized Pathways to Wellness

The Diet Clinic was a cornerstone of Nutrition Fiesta 4.0, offering attendees the rare opportunity to receive one-on-one nutritional counseling tailored to their individual needs. This



personalized consultation allowed participants to delve into their unique dietary requirements with the guidance of knowledgeable professionals. Each session provided an in-depth analysis of personal health goals, lifestyle factors, and nutritional preferences, enabling attendees to understand not only what they should eat but also why these choices mattered for their specific wellness journey.

During the consultations, experts addressed a variety of concerns, from weight management and immunity boosting to specialized diets for conditions like diabetes and hypertension. Participants were encouraged to ask questions, helping to clarify common misconceptions about nutrition and dieting. The experts took the time to review participants' eating habits, provide actionable advice on meal planning, and offer tips for integrating healthy foods into daily routines in a sustainable way. This customized approach helped participants feel empowered, equipping them with practical steps to achieve their wellness goals and make informed dietary decisions long after the event. The Diet Clinic proved to be an invaluable addition to the Fiesta, as it fostered a greater understanding of the personal journey to health and wellness through mindful eating.

- **Savor the Flavor: Refining the Palate for Nutritional Awareness**

Savor the Flavor, sponsored by Aromax Creations, was another unique and engaging highlight of the Nutrition Fiesta. This event brought a sensory approach to nutrition by allowing participants to refine their taste perceptions through a guided flavor-tasting experience. With 175 enthusiastic participants, Savor the Flavor transformed flavor exploration into an educational journey that deepened attendees' understanding and appreciation for balanced, healthful flavors.

Participants were invited to sample a diverse array of flavors, each carefully curated to highlight the complexities of taste—from sweetness to bitterness, sourness to umami. Guided by experts, attendees learned about the roles that different

flavors play in nutrition and how they can impact appetite, satiety, and overall enjoyment of food. This interactive experience allowed them to discover new flavors and consider how balancing taste can contribute to a more satisfying and nutritionally complete diet.

Aromax Creations, a prominent supporter of the event, provided a variety of natural flavor samples that gave participants an authentic taste of foods that emphasized healthful ingredients. Participants were encouraged to reflect on their tasting experience, considering how flavor combinations could be used to enhance meals and create nutritious dishes without excessive reliance on added sugars or salts. By the end of the event, attendees not only sharpened their palates but also gained insights into how they could apply their newfound understanding of flavors to make healthier, more enjoyable dietary choices.

5. Community Engagement: Spreading Nutritional Awareness through Nutri Campaign

As part of Nutrition Fiesta 4.0, the Nutri Campaign extended its mission of health and wellness beyond the campus, bringing valuable nutrition education to young minds. On September 25, the Nutri Campaign team visited ZP School Chaman in Jalna to conduct a lively and interactive nutrition awareness program. This event aimed to teach students the vital role of nutrition in physical and mental well-being, and it combined engaging presentations with interactive elements to make learning enjoyable.

The session opened with an enthusiastic welcome and a skit performed by the Nutri Campaign team. This skit, crafted to be both educational and entertaining, depicted the challenges of making healthy food choices in everyday situations. Through humor and relatable characters, the skit addressed common dietary habits and misconceptions, emphasizing the importance of balanced nutrition. The performance captured the students' attention immediately, setting a warm and engaging tone

for the rest of the session.

Following the skit, the team led an informative discussion on key nutrition concepts, such as the roles of different food groups and the benefits of a balanced diet. Topics like the importance of breakfast, understanding portion sizes, and the negative impact of excessive sugar and junk food were presented in a way that was easy for young students to grasp.

The session continued with interactive activities, including a “Build Your Plate” game, where students created balanced meals using



visual aids. To keep students engaged, the team also conducted quick quizzes and encouraged questions, sparking a lively discussion on everyday food choices.

The children’s enthusiasm and curiosity were inspiring, and the skit served as a powerful starting point, helping them connect with the message. Each student left with a takeaway booklet on nutrition filled with tips and fun facts, ensuring

the knowledge gained would stay with them.

The Nutri Campaign’s visit to ZP School Chaman demonstrated the power of creative education in nurturing healthy habits and reinforced the value of community engagement in health advocacy. The program’s impact was clear in the students’ eager responses, and the skit left a lasting impression, making this outreach effort both memorable and effective.

6. Nutri Carnival: A Celebration of Learning, Flavor, and Future Pathways

The Nutri Carnival was a fitting finale to Nutrition Fiesta 4.0, bringing together over 200 enthusiastic students from various schools and colleges to our campus. With 120 students from Sankar Prabodhni School in Jalna, 40 from Oxford School, and others from ITI College in Jalna and MGM College of Food Technology in Chhatrapati Sambhaji Nagar, the event became a

sessions that introduced them to potential career paths in nutrition and food science, helping them envision their futures in these growing fields. They also received practical guidance on food adulteration detection and learned about making balanced, healthy food choices. This hands-on approach allowed students to not only learn but also connect theoretical concepts to everyday practices, fostering an understanding that would stick with them well beyond the event.



vibrant platform for sharing knowledge, engaging in interactive learning, and sparking interest in nutrition and health.

The Nutri Carnival provided young participants with an exciting mix of activities and educational sessions designed to make nutrition engaging and accessible. As part of the carnival, students attended

Nutri Exhibition and Food Stalls: Interactive Learning at Its Best

The Nutri Carnival was further enriched by the Nutri Exhibition, where MTech first-year students created detailed models that illustrated the nutrient requirements of the human body. These displays provided an interactive, visual exploration of essential vitamins, minerals, and



other nutrients, helping students understand their roles in supporting health. The exhibition served as an eye-opener, transforming complex nutritional science into tangible, easy-to-grasp concepts that fascinated and educated the young attendees.

Meanwhile, the food stalls added a flavorful twist to the event, turning the campus into a lively hub of healthy culinary options. Both MTech and Integrated MTech students managed these stalls, showcasing nutritious foods in delicious forms and offering attendees a taste of balanced eating. The students behind the stalls not only prepared and served these healthy treats but also

educated visitors on the benefits of nutritious diets. By experiencing the taste and diversity of health-focused food, participants discovered that nutritious eating can be enjoyable and fulfilling.

The Nutri Carnival, with its mix of educational activities, hands-on learning, and interactive food experiences, created a memorable and impactful day for everyone involved. It underscored the value of community engagement in health education, empowering students to make informed choices and inspiring them to pursue paths that contribute to well-being and wellness in their communities.

BLOOD DONATION CAMP (20TH SEPTEMBER 2024)



To showcase its commitment to social consciousness and the service of the community, the Institute of Chemical Technology, Mumbai, Marathwada Campus, Jalna, held on 20th September 2024, a Blood Donation Drive. This impactful initiative was led by Dr. Kapil Sagrolikar and Dr. Suprio Mondal, who oversaw the organization of the event in collaboration

with Jankalyan Blood Bank, Jalna. The blood bank provided professional support, ensuring a safe and efficient donation process for all participants. Held in the New Building Foyer, the event saw enthusiastic participation from students, faculty, and staff, all eager to contribute to a cause with a lasting impact on public health.

The event commenced with an inspiring address



on the significance of blood donation in saving lives and meeting critical medical needs. This opening message highlighted how each donation could bring hope and health to those in need, resonating deeply with attendees and motivating them to support the initiative wholeheartedly.

Throughout the day, students and faculty queued up to donate blood, displaying remarkable compassion and unity. The sight of young volunteers participating in the drive embodied the spirit of generosity fostered within the ICT Marathwada Campus community. The atmosphere was one of pride and solidarity as each individual contributed toward the shared goal of giving back to society.

To express gratitude to the donors, the drive offered refreshments and tokens of appreciation, ensuring each participant felt valued for their contribution. Medical professionals from Jankalyan Blood Bank were present on-site to oversee the process and ensure the safety and well-being of each donor. The meticulous organization

underscored the commitment of Dr. Sagrolikar, Dr. Mondal, and the entire campus team to both the cause and the welfare of its participants.

The day concluded with a heartfelt Vote of Thanks, extending appreciation to everyone involved in making the event a success. This included not only the donors but also the volunteers and staff who ensured smooth coordination throughout the day. The Blood Donation Drive at ICT Marathwada Campus left a lasting impression, strengthening a shared commitment to positively impacting society.

The event was a memorable experience that highlighted the strength of the campus community and its dedication to contributing to the greater good. Through this initiative, ICT Marathwada Campus reaffirmed its role as an institution that not only promotes academic growth but also encourages students and staff to be active, responsible members of society.

LECTURE BY PROF. V.V. MAHAJANI (24TH SEPTEMBER 2024)

On September 24th, the ICT Marathwada Campus, Jalna, had the privilege of hosting Dr. V. V. Mahajani, an esteemed expert in chemical engineering and environmental sustainability. His visit provided an invaluable opportunity for students and faculty to gain insights into the pressing global challenges related to sustainability and the circular economy, as well as practical approaches for carbon dioxide (CO₂) capture and emissions management in industries.

During his lecture, Dr. Mahajani emphasized the importance of sustainability and the circular economy in today's industrial landscape. He explained how the circular economy model seeks to reduce waste by reusing and recycling materials, aiming to create a more sustainable and efficient economy. His discussion on sustainable practices resonated with students, showing them how innovation and responsibility can go hand-in-hand in the pursuit of greener industrial practices.

One of the key topics Dr. Mahajani covered was CO₂ capture technology. He explained various methods that can be used to capture CO₂

emissions from industrial processes, making a significant impact on reducing greenhouse gas emissions. He discussed emerging technologies that make CO₂ capture easier and more cost-effective, stressing the role of engineering and innovation in addressing climate change. In addition to CO₂ capture, Dr. Mahajani elaborated on how industries can control emissions through advanced filtration techniques, optimized production processes, and emission monitoring systems. He shared examples of companies successfully implementing these technologies, providing a real-world perspective on how industries are adopting sustainable practices. His insights gave students a clear understanding of the practical steps industries are taking to minimize environmental impact and the challenges they encounter.

Dr. Mahajani also shared his extensive professional experiences, discussing a range of industrial challenges he has encountered throughout his career. He spoke about issues like managing industrial waste, addressing pollution,



and balancing productivity with environmental responsibilities. His stories highlighted the complexities of industrial problem-solving and the importance of critical thinking and technical expertise in finding sustainable solutions.

The visit by Dr. Mahajani left a lasting impression on students and faculty alike. His perspectives on sustainability, coupled with his practical knowledge of industrial processes, inspired students to think about how they can contribute to creating a more sustainable future. His discussion emphasized the critical role that

young engineers and scientists will play in the ongoing shift towards more responsible and sustainable industrial practices. In summary, Dr. Mahajani's lecture was a valuable addition to the academic environment at ICT Marathwada Campus. It offered insights into the intersection of engineering and sustainability, equipping students with a forward-thinking mindset and an appreciation for the role of innovation in tackling some of today's most significant environmental challenges.

WORLD PHARMACIST DAY (25th SEPTEMBER 2024)

The ICT Mumbai Marathwada Campus, Jalna, proudly celebrated World Pharmacist Day on September 25, 2024, under the global theme, "Pharmacists: Meeting Global Health Needs." This event honored the vital role that pharmacists play in advancing healthcare outcomes and addressing pressing global health challenges. It underscored pharmacists' multi-faceted contributions—not only as healthcare providers but also as advocates, educators, and essential members of the healthcare team.



The event was enriched by the presence of distinguished guests from the field of pharmacy and healthcare. Chief Guest Prof. Shailendra Saraf, Director of the National Institute of Education and Research, Ahmedabad, addressed the gathering with insights into the evolving responsibilities of pharmacists. His talk emphasized how pharmacists' roles have grown in response to complex health challenges, particularly in underserved communities. Another key speaker, Prof. Vandana Patravale from ICT Mumbai, discussed how pharmacists are shaping the future of healthcare through research, advocacy, and the promotion of public health policies. Her address reinforced the importance of pharmacists as drivers of healthcare innovation and patient safety.

The celebration continued on campus with an energetic flash mob and a captivating skit performed by students. These performances creatively illustrated the essential contributions pharmacists make to healthcare, portraying real-life scenarios that highlighted their roles in patient education, treatment monitoring, and ensuring medication safety. Such presentations emphasized the importance of pharmacists in the healthcare system and effectively conveyed the event's theme to the audience.

As part of the observance, an impactful health awareness campaign was conducted at Shaheed



Bhagat Singh High School in Daregaon, Jalna, where the ICT community engaged students and local residents in discussions on the pharmacist's role. The campaign emphasized that pharmacists go beyond dispensing medications, contributing to disease prevention, treatment optimization, and patient safety. Through interactive sessions, the campaign aimed to foster an appreciation for the pharmacist's dedication to public health and to inspire future generations to consider careers in this indispensable field.

The success of the event was largely driven by the active involvement and dedication of students from MTech (Pharma) and Integrated MTech programs, who meticulously organized the health awareness event. Their commitment to highlighting the essential role of pharmacists in healthcare and their impact on patient well-being was evident in every detail of the event, from planning to execution. Under the guidance

and direction of Assistant Professor Dr. Navnath Hatvate, the students ensured that the event ran smoothly and met its objectives of raising awareness and educating the community on the pharmacist's vital role.

In addition, the event recognized the invaluable contributions of faculty and staff who supported the celebration. Prof. Shashank Mhaske, Director of ICT Marathwada Campus, was thanked for his unwavering support, while Prof. Parag Nemade, Deputy Director of ICT Marathwada, was acknowledged for his strong leadership. Special appreciation was extended to Mr. Anand Inge, whose generous provision of supplementary medicines greatly enhanced the impact of the health awareness campaign.

The celebration of World Pharmacist Day at ICT Mumbai Marathwada Campus, Jalna, was a testament to the commitment and professionalism of pharmacists and future pharmacists alike. This day served as a reminder of the critical role the pharmacists play in promoting public health, improving patient care, and addressing global health issues. Through the combined efforts of students, faculty, and esteemed guests, the event underscored the essential and transformative role that pharmacists hold in the healthcare system worldwide.

NUTRI FIESTA CLOSING CEREMONY (1st OCTOBER 2024)

The grand conclusion of NutriFiesta 4.0 took place in a vibrant and celebratory atmosphere, bringing together faculty, dignitaries, and students to reflect on the success of this impactful event. Held at our college, the closing ceremony marked the culmination of a month-long celebration of nutrition, health, and well-being. The event was graced by our esteemed dignitaries, who contributed to making NutriFiesta 4.0 an unforgettable experience for all involved.

The Ceremony Began with Warm Welcomes

The ceremony kicked off with an enthusiastic greeting from the hosts, who welcomed the attendees to the closing event. They shared the

success and excitement of NutriFiesta 4.0, a journey filled with enriching lectures, competitive events, games, and the lively Nutri Carnival that focused on spreading awareness about nutrition. The hosts introduced the evening's program, setting the tone for a memorable conclusion to the celebration.

The Ceremony Commenced with the Institute Song and Lamp Lighting

To begin the formal proceedings, the audience was treated to the soulful performance of the Institute Song 'Rasayan Devike,' which resonated with our collective values of growth and innovation. This was followed by the lighting of



the ceremonial lamp, a symbolic gesture to mark the official closure of the event. The lamp lighting was performed by our distinguished dignitaries: Mr. Uday Naik, CEO and Founder of Aromax Creations, Dr. Parag Nemade, Deputy Director of ICT Jalna Campus, Mr. Sharad Lahoti, Associate Dean of Industry, and faculty members Prof. Girish Joshi and Dr. Manoj Gawande. The dignitaries' participation added an official touch to the event's finale.

Felicitation of Dignitaries

Following the lamp lighting, the dignitaries were felicitated to express gratitude for their contributions to the event. The hosts took turns calling up the dignitaries for the felicitation. Each dignitary was honored by their respective colleagues, including Dr. Parag Nemade, who was felicitated by Mr. Uday Naik, Mr. Sharad Lahoti, who was felicitated by Prof. Girish Joshi, and others who contributed to making the event a success.

Welcome Speech and Event Journey

Next, Dr. Ramesh Chavan, our Faculty Coordinator, delivered a warm welcome speech, officially greeting the guests, faculty, and students. The speech acknowledged the hard work and dedication of everyone involved in organizing NutriFiesta 4.0. Dr. Sandhya Shewale, our Faculty Event Coordinator, then took the stage to guide the audience through the journey of NutriFiesta 4.0, highlighting the various events, competitions, and expert talks that made the celebration so special.

Recognition of Event Coordinators and Winners

In a heartening moment, the event coordinators for each segment of NutriFiesta 4.0 took the stage to present their respective events and announce the winners. From Nutri Quest and Nutri Canvas to Nutri Chat, Nutri Nerd, Nutri Ninja, and others, each coordinator shared the success of their events and introduced the winning teams. Their dedication and hard work were truly visible as they celebrated the achievements of the participants.

Afterwards, the event teams were invited to the stage to receive their certificates and medals

from our esteemed dignitaries, Mr. Uday Naik, Dr. Parag Nemade, and Mr. Sharad Lahoti, who honored each winning team for their contributions to the success of the event. The audience applauded the winners as they took their well-deserved rewards.

Special Recognition for Event Heads

A special moment came when Prashand Munde and Shilpa Pande, the Event Heads, were honored for their exceptional leadership and efforts in making NutriFiesta 4.0 a resounding success. They were presented with trophies and certificates by Mr. Uday Naik, who praised their commitment and leadership throughout the event.

Chief Guest's Address

The closing ceremony saw an inspiring speech from Mr. Uday Naik, who shared his valuable insights on the importance of nutrition and the role such initiatives play in fostering awareness and encouraging healthier lifestyles. His words resonated deeply with the audience and reinforced the significance of nutrition in our daily lives.

Felicitations for Faculty Coordinators

The contributions of Dr. Ramesh Chavan and Dr. Sandhya Shewale were also recognized in a special felicitation ceremony, where Mr. Uday Naik presented them with tokens of appreciation for their exceptional coordination and efforts throughout the event.

Vote of Thanks and Farewell

The ceremony concluded with a heartfelt vote of thanks from Prashand Munde, one of the event heads. He thanked the dignitaries, faculty members, participants, and volunteers for their relentless support in making NutriFiesta 4.0 a success. The hosts then wrapped up the event by bidding farewell to the audience, encouraging everyone to continue embracing the spirit of healthy living and nutrition.

As the evening came to close, it was clear that NutriFiesta 4.0 had been a resounding success, leaving a lasting impact on everyone involved. The spirit of nutrition and health would undoubtedly continue to inspire all who attended, and the memories of this event will remain a valuable part of our college's history.

CELEBRATING FRESH BEGINNINGS – THE MASTER'S FRESHERS' PARTY 2024 (5th OCTOBER 2024)

The Freshers' Party 2024, organized by the 2nd year MTech batch (2023-2025), was an important milestone in welcoming the freshers' master's students (2024-2026) to the institution. Designed as an informal yet inclusive event, it aimed to ease the transition of new students into the college environment by creating a platform for interaction, networking, and engagement beyond the academic setting.

The event commenced at 11:00 a.m. with a colorful and energetic start. Decorations brought the theme to life, setting the perfect tone for the



festivities. The organizing committee carefully planned every detail, making the venue vibrant for mingling, laughter, and bonding. The event started with opening remarks by faculty members with a notable presence of Prof. S. T. Mhaske, Director, ICT Marathwada Jalna Campus, and Mr. Sharad Lahoti (Associate Dean of Industry). Welcoming speeches introduced the event's objectives, emphasizing the importance of academic integrity, mutual respect, and collaboration. The thoughtfully arranged venue created an inviting ambiance, reflecting the institution's commitment to fostering an environment of belonging and support. The event was sponsored by 'The Soul Café'.

The Freshers' Welcome Event featured various structured activities to encourage interaction and break down social barriers among students from multiple disciplines. Beginning with an interactive dance session accompanied by music and refreshments, students mingled in a relaxed setting. This was followed by a Truth and Dare session, which added humor and allowed

participants to share personal stories, fostering openness and trust. These activities effectively served as icebreakers, promoting companionship and understanding among the attendees.

An integral part of the Freshers' Welcome Event was the talent showcase, which offered new students a platform to present their skills in music, dance, or other forms of creative expression. Each participant was encouraged to demonstrate a talent of their choice, fostering a culture of appreciation for diversity in skills and interests. The singing performances captivated the



audience, featuring Jay Rudrawar and Pavithra K, delivering memorable renditions showcasing their vocal abilities and stage presence. The dance segment brought further energy to the gathering, with dynamic performances by Kshitija More, Jay Dasar, Sakshi Sanap, Saloni Jadhav, Jay Rudrawar, and Akash Singh. Each dancer's unique style created an engaging and enjoyable experience.

One of the most anticipated segments of the day was the competition for the titles of Mr. and Ms. Fresher, a traditional part of the Freshers' Event that recognized the participants' adaptability, poise, and interpersonal skills. These titles were awarded ceremonially, accompanied by applause and congratulatory remarks. The titles were awarded to Mr. Fresher, Sushil Kayande, from the MTech in Pharmaceutical Chemistry and Technology program, and Ms. Fresher, Saloni Jadhav, from the MTech in Food Engineering and Technology program. Such recognition honored individual achievements and encouraged the new students to contribute positively to the campus



culture.

The event concluded with an energetic DJ dance session, where students took to the floor, enjoying the lively music and celebrating the end of a successful bonding day. This final segment allowed everyone to unwind and further strengthened the connections formed throughout the event, marking a memorable close to the day's festivities.

The Freshers' Welcome Event was ultimately

successful in providing introduction to college life for the incoming master's students. The event fostered a sense of community that will support the students throughout their academic journey through organized activities, creative showcases, and meaningful interactions. As they embark on this new phase, the relationships and memories built during this event will serve as a foundation for collaborative learning and mutual support within the institution.

DANDIYA NIGHT (09th OCTOBER 2024)

The Garba Evening held on 9th October 2024 was a beautiful blend of tradition, rhythm, and joy, leaving a lasting impression on all who participated. The event began with a heartfelt pooja ceremony, conducted by our esteemed Deputy Director and other faculty members, setting a serene and auspicious tone for the



evening.

Following the pooja, the celebration transitioned into a vibrant Garba evening from 5:30 PM to 8:30 PM. The rhythmic beats and melodic tunes brought everyone to the dance floor, where students and faculty alike showcased their energy and enthusiasm. Clad in stunning traditional attire, the participants created a mesmerizing visual of swirling colors and synchronized movements, embodying the festive spirit of the occasion.

The event was overseen by Dr. Atul Bari and Dr. Lokesh Ramteke, whose support and

guidance added to the event's success. The tireless efforts of the student cultural committee members, including Rutuj Runwal, Aditi Pashte, Aniket Sathe, Purva Yannawar, Sarvesh Boke, Prachita Kale, and Prachi Kokate, ensured the smooth execution of the evening.

The Garba Evening was not merely about



dancing but also about fostering a sense of unity and cultural pride among the college community. The joy and excitement on everyone's faces were a testament to the event's resounding success, leaving everyone eagerly anticipating more such celebrations in the future.

Following day, we celebrated "Vijayadashmi", a great signification of the victory of good over evil. The festival holds mythological significance, marking Lord Rama's victory over Ravana: Symbolizing the triumph of righteousness, and Goddess Durga's victory over Mahishasura: Representing the end of evil forces.



VAACHAN PRERANA DIN: A TRIBUTE TO DR. A.P.J. ABDUL KALAM (15th OCTOBER 2024)

On 15th October 2024, the Institute of Chemical Technology (ICT) Marathwada Campus, Jalna, proudly celebrated Vaachan Prerana Din (Reading Day) to honor the birth anniversary of Dr. A.P.J. Abdul Kalam, the visionary leader and former President of India. Renowned as the “Missile Man,” Dr. Kalam’s enduring passion for knowledge and learning continues to inspire generations.

The event featured enlightening sessions led by our esteemed Director, Deputy Director, Prof. Girish Joshi, and Dr. Manoj Gawande. They emphasized the profound impact of

reading on intellectual and personal growth. Teaching staff, non-teaching staff, and students actively participated in discussions, sharing their perspectives on how reading fosters innovation, critical thinking, and lifelong learning.

This celebration served as a fitting tribute to Dr. Kalam’s vision for an educated and progressive society. It was a reminder of the transformative power of books in shaping our minds and futures. As we carry forward his legacy, let us continue to cultivate a culture of reading and curiosity within our institution and beyond.

HONORING THE LEGACY OF GREAT LEADERS AND VISIONARIES

Under the guidance of Dr. Kapil Sagrolikar, the Activity In-Charge, the college organized a series of events to commemorate the birth and death anniversaries of some of history’s most remarkable personalities. These celebrations paid tribute to the lives and contributions of luminaries such as Basaveshwar, Veer Savarkar, Ahilyabai Holkar, Shahu Maharaj, Vasantrao Naik, Anna Bhau Sathe, Dr. Pandit Deendayal Upadhyaya, Lal Bahadur Shastri, Mahatma Gandhi, Maharishi Valmiki, and Pt. Jawaharlal Nehru.

Each of these figures has left an indelible mark on society, shaping the cultural, social, and political

fabric of our nation. The events were a heartfelt homage to their legacies, providing students and faculty an opportunity to reflect on their teachings and the values they championed.

Through these commemorations, the college fostered a spirit of reverence and gratitude while inspiring students to imbibe the principles of service, leadership, and resilience exemplified by these visionaries. Such initiatives enrich the academic environment and encourage the youth to carry forward the ideals of these great leaders in building a better future.

INNOVATIONS

WHY WASTE? – A GREEN SOCIETY INITIATIVE

The Green Society at ICT Marathwada Campus, Jalna (ICT MARJ), established under the auspices of the Higher and Technical Education Department, Government of Maharashtra, and UNICEF, has been at the forefront of inspiring environmental consciousness and advocating for sustainable practices. With powerful slogans such as “Every Drop Counts” and “Think Green,

Act Green,” the society has made it its mission to foster a sense of environmental responsibility among students and the broader community.

Guided by Faculty Coordinator Dr. Sandeep P. Bhairat, Youth President Mr. Sanket Maurya, Vice Youth President Ms. Mrunal Nanaware, Campaign Coordinator Mr. Varun Patil, and Documentation Coordinator Ms. Vaidarbhi



Buddhe, the Green Society has successfully organized a series of impactful initiatives aimed at promoting sustainability.

One of its standout programs, the Why Waste? app installation drive zeroed in on water conservation and reducing carbon footprints. This innovative campaign empowered students to take actionable steps towards saving water “half a glass at a time” via the app, all while offering valuable educational content through The Sustainability Stories – a storybook crafted to inspire younger generations to protect and cherish the environment.

The drive was a resounding success, with

over 150 students installing the app and actively monitoring their water usage and carbon emissions. This collective effort demonstrated the potential for small, individual actions to create large-scale environmental impact, reaffirming the society’s unwavering commitment to building a sustainable future.

Through visionary leadership and enthusiastic participation, the Green Society continues to demonstrate that even modest actions can lead to profound change. As we move forward, let us remember: “Small Actions, Big Changes” and “Green Today, Clean Tomorrow.” Together, we can pave the way for a greener, healthier planet.

THE HOSTEL DIARIES

AIKYAM (4th-5th MAY 2024)

Aikyam 2024: The Beginning of a Beautiful Legacy

On May 5, 2024, the hostel community embarked on a new tradition, marking the inaugural celebration of Hostel Day, aptly named Aikyam—symbolizing unity and togetherness. This remarkable event was spearheaded by our esteemed warden, Dr. Atul H. Bari and Dr. Joyita Sarkar, and executed with enthusiasm under the able coordination of the hostel’s student leaders. The week-long festivities brought students and faculty together in an unparalleled spirit of camaraderie and celebration.

The celebrations kicked off with a vibrant sports fest that energized the campus. Activities like Box Cricket, Carrom, Badminton, and Chess brought out the competitive spirit in students, fostering

teamwork and sportsmanship. The thrill of the games set the stage for the cultural extravaganza that followed.

The eve of May 4, 2024, was a night to remember. A lively Cultural Night filled with DJ performances, soulful singing, electrifying dance performances, Sher-o-Shayari, and hilarious acts captivated everyone present. The stage became a canvas where talent and creativity shone brightly, leaving the audience mesmerized.

The grand finale took place on May 5, 2024, with a memorable Dinner Night. The evening brought together all hostel residents, faculty, and esteemed guests, including the Director, Co-Directors, and Faculty Members, for a delightful dinner under the stars. The melodious tunes playing in the background added to the warm and joyous





ambiance, creating an atmosphere of celebration and gratitude. The stunning Photo Booth, crafted by the Batch of 2023, was a major attraction,

bustling with students capturing moments to cherish forever.

Aikyam 2024 would not have been possible without the tireless efforts and dedication of our hostel wardens and student coordinators Sakshi Tak, Atharva Nilkanth, and Pratham Shah. Their hard work ensured that this event was not just a gathering but a memory etched in the hearts of all who participated.

As we look back on the resounding success of Aikyam 2024, we eagerly anticipate future celebrations that will carry forward this legacy of togetherness, joy, and community. Here's to many more Aikyams to come!

KRISHNA JANMASHTMI (27TH AUGUST 2024)

The vibrant corridors of ICT MarJ College Hostel came alive on the auspicious occasion of Krishna Janmashtami, marking the birth of Lord Krishna with devotion, joy, and camaraderie.



The celebration, infused with traditional fervor and youthful enthusiasm, was a perfect blend of cultural richness and fun-filled activities, leaving everyone with cherished memories.

The festivities began with the much-anticipated *Dahi Handi* competition, a symbolic representation of Krishna's mischievous childhood endeavors. Teams from different hostel groups enthusiastically participated, each vying to form the tallest human pyramid and break the pot of curd hanging high above.

While all teams put up a spirited show, it was



the girls' *Dahi Handi* that stole the spotlight. Their determination, teamwork, and creative strategies not only captivated the audience but also drew the loudest cheers and applause. The camaraderie and laughter shared during the event made it a true celebration of unity and spirit.

As the sun dipped below the horizon, the hostel common area transformed into a cozy mini-theater. A special movie screening added to the festive vibe, offering a moment of relaxation and entertainment for everyone.

Post-movie, the evening was graced with mesmerizing cultural performances. Energetic dances and melodious songs resonated through the hostel, showcasing the immense talent of ICT MarJ's students. The performances, inspired by Krishna's life and teachings, added a soulful touch to the celebrations.

The festivities concluded with the distribution of *Gopalkalam*, a prasadam made with love and devotion, embodying the essence of Krishna



Janmashtami. The dish, a delightful mixture of yogurt, butter, and rice, was a nostalgic reminder of the simplicity and joy in Krishna's life.

A sumptuous dinner followed, bringing everyone together to share stories, laughter, and the spirit of the festival. The feast, prepared with traditional flavors, served as a perfect ending to a day filled with devotion, joy, and cultural pride.

This memorable celebration would not have been possible without the unwavering support and guidance of our respected Director and Hostel Wardens. Their efforts in providing the resources, space, and encouragement necessary to organize such a grand event are

deeply appreciated.

The students' efforts, combined with the leadership of the college administration, transformed the hostel into a lively arena of devotion and festivity, making this Janmashtami an unforgettable occasion for all who attended.

MARJCHA MORYA: A GRAND GANESH CHATURTHI CELEBRATION AT ICT MARJ HOSTEL (07TH SEPTEMBER TO 17TH SEPTEMBER 2024)

Ganesh Chaturthi at our college is more than a festival; it's an emotion that unites us all. This year's celebration, lovingly called **MARJCHA Morya**, was nothing short of magical. For days, our campus transformed into a hub of devotion, energy, and unending fun, leaving everyone with memories to cherish forever.

The excitement kicked off with a grand welcome for Lord Ganesh. The air buzzed with the rhythm of *dhols*, and the vibrant energy of students and staff filled every corner of the campus. Amidst the colorful decorations and chants of "Ganpati Bappa Morya," Bappa was lovingly placed in the beautifully adorned mandap. The atmosphere was electric, setting the

tone for the days to come.

Each day began with a wave of spiritual serenity as *artis* were performed thrice, led by our esteemed professors, staff, and faculty members. The sound of bells and chants echoed through the college, creating a divine connection that brought everyone closer.

The days were filled with a variety of exciting events that kept the campus buzzing with activity and joy. From the *Fun Fair*, *Musical Chair*, and *Tambola* to *Sangeet Sandhya*, *Traditional Day*, *Talent Show*, *Onam with Rangoli*, and the energetic *Tug of War*, there was something for everyone. Among all these, the *Treasure Hunt* and *Modak Eating Competition* emerged as the



true highlights of the celebration. The thrill of the hunt and the delightful challenge of devouring *modaks* created moments of pure excitement and joy that will be remembered for years to come.

Adding a spiritual dimension to the festivities, the *Satyanarayan Puja* brought the college community together in devotion, offering a serene pause amidst the energetic celebrations. This was followed by the *Mahaprasadam*, where everyone gathered to share a delicious meal, further strengthening the bonds of unity and togetherness.

As the days drew to a close, the bittersweet moment of *Visarjan* arrived. With heavy hearts but joyous spirits, we bid Bappa goodbye. The procession was a spectacle of vibrant *gulas*, thunderous *dhols*, and high-energy DJ beats. Chants of “*Pudhchya Varshi Lavkar Ya*” rang out as we waved a heartfelt farewell to our beloved deity.

MARJCHA Morya wasn't just an event; it was an experience that brought us together as a community. The collective effort of every student, professor, and staff member turned this celebration into a grand success. The laughter, devotion, and camaraderie shared during these days will remain etched in our hearts, a testament to the spirit of



unity and joy.

As we look forward to the next year's celebrations, we are grateful to the respected director sir, Dr.Mhaske sir and the hostel wardens, Dr.Atul Bari and Dr.Joyita Sarkar, for letting us carry with the beautiful memories of MARJCHA Morya, a festival that truly celebrated the essence of our college community. Also, a huge thanks to the event head, Dhiraj Damahe, and Aniket Sathe and the whole team to make it a huge success.

FACULTY ACHIEVEMENTS

PROF.S.T. MHASKE Best Teacher Award



“It is with great pleasure that we announce our Campus Director, Prof. (Dr.) Shashank Mhaske, has been honoured with the Dr. Michael Rosenthal Best Teacher Award at the 91st Foundation Day Ceremony of ICT Mumbai, held on October 1st, 2024.

This prestigious accolade is a testament to Prof. Mhaske's exceptional contributions to education and his unwavering dedication to academic excellence. We extend our heartfelt congratulations to him on this remarkable achievement.”

Publication of Prof. S. T. Mhaske

1. R Alai, S Mestry, J Darsan Mohanty, ST Mhaske, (2024), Innovating PVC plasticization: performance and potential of a lauric acid ester-amide plasticizer, Iranian Polymer Journal, 1-15.
2. S Sarkar, S Mestry, JD Mohanty, ST Mhaske, (2024), Microencapsulated pentadecane with nanocrystalline cellulose reinforced silane-acrylate shell for cold thermal energy storage application, Polymer Bulletin, 1-15.
3. N Jagtap, S Mestry, JD Mohanty, ST Mhaske, (2024), Enhanced performance of hybrid polyurethane thin coatings: synthesis and characterization via sol-gel method using TEOS and VTMS, Journal of Coatings Technology and Research, 1-13.
4. L Sapkal, S Tripathi, ST Mhaske, K Gaikwad, (2024), Recent Development in Edible Inks for Food Printing and Packaging Applications: A Review, Current Food Science and Technology Reports 2 (4), 421-433.
5. A Shetty, S Mestry, JD Mohanty, ST Mhaske, (2024), From waste to wonder: Synthesizing carbon polymer dots (CPDs) from resin, Materials Letters 376, 137277.
6. SU Mestry, VB Satalkar, ST Mhaske, (2024), Development of imine-azo-dyes derived from vanillin and salicylaldehyde for pH-sensing in smart packaging, Pigment & Resin Technology 53 (6), 1119-1131.
7. Jyoti Darsan Mohanty, ST Mhaske, (2024), Development of Ricinoleic acid-derived plasticizers and their utilization in poly (lactic acid).
8. N Karna, JD Mohanty, GM Joshi, ST Mhaske, (2024), Effect of Prehydrolysis VTMS on the Structure-Property of Silane-Terminated Polyurethane, Polymers for Advanced Technologies 35 (10), e6609.
9. M Kogje, S Mestry, JD Mohanty, ST Mhaske, (2024) Modification of fly ash cenospheres by 3 glycidyloxypropyl trimethoxysilane (GPTMS)

- for anticorrosive coating applications, Iranian Polymer Journal, 1-15.
10. ST Mhaske, JD Mohanty, PY Borse, (2024) Starch from Agro-Waste for Food Packaging Applications, Agro-Waste Derived Biopolymers and Biocomposites: Innovations and Sustainability in Food Packaging, John Wiley & Sons, Inc., 241-265.
11. DA Patil, VE Naiker, GA Phalak, AP More, ST Mhaske, (2024) Synthesis of benzoxazine from eugenol and its co-polymerization with a gallic acid-based epoxy resin for flame retardant application, Polymer Bulletin 81 (8), 7441-7465.
12. DA Patil, VE Naiker, GA Phalak, KW Chugh, ST Mhaske, (2024) Synthesis and characterization of vanillin derived bio-based benzoxazine resin for high temperature application, Pigment & Resin Technology 53 (4), 413-424.
13. MR Sanghvi, KW Chugh, ST Mhaske, (2024) Sodium and potassium ferrocyanide derived Prussian blue pigment, Pigment & Resin Technology.
14. Shubham Desai, Varun Kamble, Vedant Ozarkar, Parth Dingre, Pradnya Desai, Aarti More, Umesh Mahajan, Shashank Mhaske, (2024) Designing of layered double hydroxide, metal oxides, and borate-reinforced thermoplastic polyurethanes composites, Polymers for Advanced Technologies 35 (3), e6334.
15. AK Singh, K Chugh, ST Mhaske, (2024) Improvement in BHETA yield by aminolysis and its application in hot melt adhesive, International Journal of Adhesion and Adhesives 130, 103610.
16. U Mahajan, ST Mhaske, (2024) Effect of isobornyl acrylate and hexanediol diacrylate on the properties of UV-curable resin developed from suberic acid-derived polyester polyol, Pigment & Resin Technology.
17. ST Mhaske, JD Mohanty, UR Mahajan, (2024) Perspectives for binary and ternary composites films for food applications, Nanobiotechnology for Food Processing and Packaging, Academic Press, 397-424.
18. ST Mhaske, PY Borse, SU Mestry, (2024) Characterization of antimicrobial nanocoatings, Next-Generation Antimicrobial Nanocoatings for Medical Devices and Implants, Woodhead Publishing, 37-59.
19. S Mhaske, U Mahajan, K Chugh, (2024) Polymer synthesis and modification, Polymers for Pharmaceutical and Biomedical Applications, Elsevier, 87-106.

PROF. GIRISH JOSHI

Delivered invited talk ICFNA-2024, at BITS Goa

Prof. Girish Joshi of ICT MARJ campus delivered Invited talk at International conference on functional Nano materials and their applications in sustainability, environment, energy and biotechnology ICFNA-2024 was hosted by BITS goa campus in association with Dhempe college, Goa and directorate of higher



education Goa during 16-18 Nov.2024. More than 150 speakers from International and national laboratories, 500 participates from national international nano community were gathered to know the upcoming developments in nano domain. It was well appreciated by entire audience and organization.

DR. MANOJ GAWANDE

ACHIEVEMENTS:

Dr. Manoj B. Gawande, received prestigious MRSI Medal for the year 2024



Dr. Manoj B. Gawande, Associate Professor, has been conferred the MRSI Medal-2024 for his outstanding contribution to Materials Science, Catalysis, & Engineering especially in single-atom catalysis and sustainable organic reactions by the Materials Research Society of India.

The award ceremony was organized during the MRSI Annual General Meeting in the 6th Indian Materials Conclave and 35th AGM of MRSI at Devi Ahilya Vishwavidyalaya University in Indore.

Dr. Gawande was conferred a MRSI Medal, and Citation. As a part of this recognition, he delivered a MRSI-Medal lecture entitled on “Emerging Single-Atom Catalysts for Sustainable Advanced Catalytic Applications”. This award handover by president of MRSI, Prof. S. B. Krupanidhi and General Secretary Prof. P.S. Anil Kumar.

“I am humbled to have received the prestigious

“MRSI medal for the year 2024”. I am thankful to the MRSI and selection committee for selecting me for this honor. It was really a wonderful experience to attend other MRSI and distinguish speaker’s lectures. Truly an enriching experience at Indore; said Dr. Gawande.

The Materials Research Society of India (MRSI) is a professional scientific body founded by the farsighted vision of Bharat Ratna Prof. C. N. R. Rao to promote education, research, and applications of materials among researchers in India and abroad. MRSI functions through 18 Regional Chapters and 16 Subject groups. MRSI is supported by individual members and institutions who will be patrons of the society. MRSI is now having more than 5000 life members. It has been regularly publishing the MRSI Newsletter quarterly.

Dr. Manoj Gawande Featured in Stanford University’s 2023 Global List of Top 2% Scientists

Dr. Manoj Gawande, an Associate Professor in Chemistry and distinguished researcher from Institute of Chemical Technology, Marathwada Campus, Jalna (ICT MARJ) has been recognized in Stanford University’s prestigious global list of the top 2% scientists for the year 2023. Considering his dedication, hard work and visionary leadership towards the development of technology through advanced nanocatalytic research in chemical science making this his fifth

consecutive recognition. This accolade highlights his exceptional contributions to scientific research, both in terms of his career-long impact and his achievements in the past years.

Dr. Gawande’s recognition in both the career-long and single-year impact categories speaks volumes about his sustained dedication and significant contributions in the field of chemical sciences. Over the years, he has made significant contributions to areas like nanocatalysis, single-



atom catalysts, green synthesis of chemicals and fuels, CO₂ capture and conversion, benign reaction technologies for industrially important organic transformations etc., where his innovative

work has garnered international attention.

Commenting on the recognition, Dr. Gawande expressed his gratitude and highlighted the importance of teamwork, collaboration, and support from fellow researchers, students, and institutions. “This achievement is not mine alone but shared with all my collaborators and students who have played a crucial role in every project we’ve undertaken,” he said. This honor not only underscores Dr. Gawande’s influential presence in the scientific community but also inspires younger researchers to strive for excellence in their fields. It reflects the increasing global recognition of Indian scientists and the country’s growing contribution to cutting-edge research.

ICT, solidifying its reputation as a world-class institution. Congratulations to Dr. Manoj Gawande and all the distinguished professors at ICT Mumbai for their continued contributions to the world of academia.

EXTENSION ACTIVITIES:

1. Delivered an invited talk on “The Rise of Single Atom Catalysts: Synthesis and Catalytic Applications” at Conference on Advances in Chemistry for Energy and Environment, TIFR, Mumbai, 16-20th December 2024.

2. Delivered an invited MRSI Medal Lecture-2024 on “Emerging Single-Atom Catalysts for Sustainable Advanced Catalytic Applications” at International Union of Materials Research Societies –International Conference



in Asia 35th AGM of MRSI and the 6th Indian Materials Conclave (3-7th Dec. 2024).

3. Dr. Manoj B. Gawande delivered an invited talk entitled “Advanced Applications of Nanomaterials and Single Atom catalysts” in the Refresher Course-Chemistry organized by

UGC-Human Resource Development Centre, Sant Gadge Baba Amravati University, Amravati, on 10th June 2024.

**PUBLICATIONS:**

1. Triazole-derived mesoporous carbon nitride (C₃N₅) for the cycloaddition of carbon dioxide with epoxides into cyclic carbonates. Hanumant B. Kale, Arun D. Kute, Celine Moussa, Olivier Lafon, Manoj B. Gawande* *Carbon* 2024, 229, 119446.
2. Advances in Biomass and Nature-Derived Ceramic Membranes and Their Environmental Applications in Wastewater Treatment. Babak Jaleh, Mahtab Eslamipannah, Atefeh Nasri, Reza Sheibani, Sarika Kulkarni, Sarang Shindalkar, Aditya Shinde, Manoj B. Gawande*, *Adv. Eng. Mater.*, 2024, 26 (8), 2400049.
3. A review on sustainable iron oxide nanoparticles: synthesis and application in organic catalysis and environmental remediation. Dinesh S. Chaudhari, Rohit P Upadhyay, Gajanan Y Shinde, Manoj B. Gawande*, Jan Filip, Rajender S. Varma, Radek Zboril* *Green Chem.*, 2024, 26, 7579-7655.
4. Harnessing photocatalytic activity of mesoporous graphitic carbon nitride decorated by copper single-atom catalysts for oxidative dehydrogenation of N-heterocycles. Rahul P. Gaikwad, Indrajeet R. Warkad, Dinesh S. Chaudhari, Shan Jiang, Jeffrey T Miller, Hien N Pham, Abhaya Datye, Manoj B. Gawande*, *Journal of Colloid and Interface Science* 2024, 676, 485-495.
5. Titanium Dioxide Supported Ru Nanoparticles as Efficient Catalysts for Microwave-Assisted Sustainable Organic Transformations. Indrajeet R. Warkad, Rahul P. Gaikwad, Dinesh S. Chaudhari, Hien N. Pham, Abhaya K. Datye, Manoj B. Gawande*, *ACS Sustainable Chemistry & Engineering* 2024, 12, 15077-15088. Invited article in a special issue entitled: "Celebrating the 25th Anniversary of the Chemical Research Society of India" ACS Publications
6. Highly Selective Oxidation of Biomass-Derived Alcohols and Aromatic Alcohols to Aldehydes Over Ti₃C₂-TiO₂ Nanocomposites Under Visible Light. Indrajeet R. Warkad, Riza Paul, S. Parthiban, Manoj B. Gawande*, *Journal of Environmental Chemical Engineering* 2024, 12, 113128.
7. State-of-the-Art and Perspectives of Nickel-Based Single-Atom Catalysts. Babak Jaleh, Atefeh Nasri, Mahtab Eslamipannah, Mahmoud Nasrollahzadeh, Milad Daneshnazar, Jacky Advani, Paolo Fornasiero, Radek Zbořil, Markus Antonietti, Manoj B. Gawande*, *Applied Catalysis B: Environment and Energy* 2025, 361, 124590.
8. Nanoarchitectonics of vanadium nanoparticles decorated mesoporous carbon nitride in photocatalytic systems: A study on ethylbenzene oxidation reaction. Rahul P. Gaikwad, Indrajeet R. Warkad, Dinesh S. Chaudhari, Hien N. Pham, Abhaya Datye, Manoj B. Gawande*, *Journal of Colloid and Interface Science* 2025, 679, 54-63.

DR. SANDEEP BHAIRAT

Dr. Bhairat Invited as a Resource Person for One-Day Workshop on Python Programming in Mathematics at Balbhim College, Beed.

कार्यारंभ

Tuesday 2024/10/22

विज्ञान, तंत्रज्ञानाच्या काळात पायथॉन प्रोग्रामिंग आवश्यक!

डॉक्टर संदीप भैराट यांचे प्रतिपादन

प्रतिनिधी। बीड

दि.२१ : येथील बलभीम कला, विज्ञान व वाणिज्य महाविद्यालयातील गणित विभागाच्या बतरीने महाविद्यालयातील पदव्युत्तर गणित वर्गातील विद्यार्थ्यांसाठी 'पायथॉन प्रोग्रामिंग' या विषयावर दि.२१ ऑक्टोबर रोजी एक दिवसीय कार्यशाळेचे आयोजन करण्यात आले होते. या कार्यशाळेसाठी साधन व्यक्ती म्हणून इन्स्टिट्यूट ऑफ केमिकल टेक्नॉलॉजी मुंबई - मराठवाडा कॅम्पस, जालना येथील गणित विभाग प्रमुख डॉ. संदीप भैराट हे उपस्थित होते.

या कार्यशाळेमध्ये डॉ. संदीप भैराट यांनी पायथॉन प्रोग्राम विषयी विस्तृत असे मार्गदर्शन करून, पायथॉन प्रोग्रामिंग इन्स्ट्रक्शन पासून तर दैनंदिन जीवनात असणाऱ्या पायथॉन प्रोग्रामिंगच्या उपयोगिता बद्दल मार्गदर्शन केले. आधुनिक तंत्रज्ञानाच्या युगात आर्टिफिशियल इंटेलिजन्स, मशीन लर्निंग या क्षेत्रांमध्ये पायथॉन प्रोग्रामिंग विषयासाठी असलेले अनन्य साधारण महत्त्व त्यांनी आपल्या मार्गदर्शनातून स्पष्ट केले. येणाऱ्या काळात आर्टिफिशियल इंटेलिजन्स आणि डेटाबायनिंग मध्ये असणाऱ्या विविध रोजगाराच्या संधी या पायथॉन

प्रोग्रामिंगच्या माध्यमातून विद्यार्थ्यांना कशा पद्धतीने मिळवता येतील यावर त्यांनी प्रकाश टाकला. या कार्यशाळेमध्ये गणित विभागातील पदव्युत्तर वर्गातील सर्व विद्यार्थ्यांनी सहभाग घेऊन प्रात्यक्षिकाद्वारे पायथॉन प्रोग्रामिंगच्या संकल्पना समजून घेतल्या तसेच प्रश्नोत्तराच्या माध्यमातून आपल्या शंकांचे निरासन त्यांनी डॉ. संदीप भैराट यांच्याकडून करून घेतले. प्रारंभी गणित विभाग प्रमुख डॉ. अनिल चिधे यांनी प्रस्ताविकेतून सदर कार्यशाळा आयोजन करण्यामागचा हेतू स्पष्ट करून येणाऱ्या काळात पायथॉन प्रोग्रामिंग च्या माध्यमातून रोजगाराच्या संधी उपलब्ध



होणार असल्याचे सांगितले. कार्यशाळेचे सूत्रसंचालन प्रा. विजय कुलेंकर यांनी केले तर आभार प्रदर्शन प्रा.सागर बाळरोटे

यांनी केले. कार्यशाळेच्या वरन्वीतेसाठी विभागातील सर्व प्राध्यापक आणि विद्यार्थी यांनी मेहनत घेतली.

लोकाशा

22OCT2024

विज्ञान व तंत्रज्ञानाच्या काळात पायथॉन प्रोग्रामिंग आवश्यक-डॉ. संदीप भैराट

बलभीम महाविद्यालयात कार्यशाळा

बीड, दि. २१ (लोकाशा न्युज) :- येथील बलभीम कला, विज्ञान व वाणिज्य महाविद्यालयातील गणित विभागाच्या बतरीने महाविद्यालयातील पदव्युत्तर गणित वर्गातील विद्यार्थ्यांसाठी 'पायथॉन प्रोग्रामिंग' या विषयावर दि. २१ ऑक्टोबर रोजी एक दिवसीय कार्यशाळेचे आयोजन करण्यात आले होते. या कार्यशाळेसाठी साधन व्यक्ती म्हणून इन्स्टिट्यूट ऑफ केमिकल टेक्नॉलॉजी मुंबई - मराठवाडा कॅम्पस, जालना येथील गणित विभाग प्रमुख डॉ. संदीप भैराट हे उपस्थित होते. या कार्यशाळेमध्ये डॉ. संदीप भैराट



यांनी पायथॉन प्रोग्राम विषयी विस्तृत असे मार्गदर्शन करून, पायथॉन प्रोग्रामिंग इन्स्ट्रक्शन पासून तर दैनंदिन जीवनात असणाऱ्या पायथॉन प्रोग्रामिंगच्या उपयोगिता बद्दल मार्गदर्शन पान ४ वर



field of Mathematics. He guided the students through the basics of Python, its installation, and usage in mathematical problem-solving. He also covered the application of Python for tasks like data visualization and mathematical modeling, using tools such as Jupyter Notebook and Anaconda. The workshop helped students gain hands-on experience with Python, enhancing their understanding of its relevance in modern mathematics.



Dr. Bhairat Invited as a Resource Person for One-Day Hands-on Workshop on Python Programming for M. Sc. Mathematics students at KSK College, Beed.



On September 24, 2024, Dr. Sandeep Bhairat conducted a 'One-day hands-on workshop on Python Programming' for M.Sc. Mathematics students at Mrs. Kesharbai Sonajirao Kshirsagar Arts, Science and Commerce College, Beed. In the inauguration session, Dr. Bhairat gave an overview of the "Mathematics of the 21st Century" and discussed the importance of programming skills for mathematics graduates.



During the workshop, Dr. Bhairat demonstrated how to install Python and introduced students to various Integrated Development Environments (IDEs). The hands-on session focused on practical applications of Python for solving mathematical problems, data analysis, and modeling.

The workshop introduced students with essential skills for applying Python in mathematics-related tasks.

Guest Lecture at Karmaveer Bhaurao Patil College of Engineering, Satara



On November 14, Dr. Sandeep Bhairat delivered a guest lecture at Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College of Engineering (KBPCOE), Satara. The topic of the lecture was "Applications and Recent Trends in Mathematics in Engineering." Over 150 first-year engineering students from various branches, including Computer Science, Information Technology, Data Science, and Artificial Intelligence & Machine Learning, attended the session.



Dr. Bhairat discussed the importance of open-source programming, specifically Python, and its growing applications across all engineering fields. He also emphasized the role of basic mathematics in everyday life, as well as its application in advanced fields such as artificial intelligence and big data analytics. Through the lecture, Dr. Bhairat provided the students with a clearer understanding of how mathematics is foundational to modern engineering and technology advancements.

DR. MANOJKUMAR JADHAO



An Indian patent has been granted to Dr. Manojkumar Jadhao and his research group for developing a novel method to efficiently extract high-purity Purpurin dye from plant-based sources. Purpurin is extensively utilized in industrial applications, including as a dye in the textile industry, as well as in sensors and imaging technologies. Additionally, its emerging roles in pharmacology and biotechnology

underscore its potential as a therapeutic agent across various medical fields.

This achievement is attributed to the dedicated efforts of Dr. Vishal Beldar, Deblina Bhowmik, and Amit Patil. The team has also been awarded another patent for developing a dry column vacuum chromatography apparatus for the separation of natural products. This innovative apparatus significantly reduces separation time while enhancing the efficiency of natural product isolation.

DR. SOMEN MONDAL



1. Invited speaker on NSRP-2025. NISER, India
“Vision of fundamental proton and electron transfer: advancing from spectroscopy to bioelectronics”

PUBLICATIONS:

1. S. Waghmare, U. S. Sayyad, A. Chatterjee, S. Mondal*, Modulation of the Chirality and Dynamics of Self-Assembled Nanocellulose-Chiral C-Dot Film for Chiral Sensing Applications, *J. Phys. Chem. Lett.* 2024, 15, 11275-11281.
2. U. S. Sayyad, S. Waghmare, S. Mondal*, Proton Coupled Electron Transfer Process from Functionalized Carbon Dot to Molecular Substrates: Role of pH, *Nanoscale*, 2024, 16, 18468-18476.
3. S. Waghmare, U. S. Sayyad, A. Chatterjee, P. Purkayastha, S. Mondal*, Stereoselective Interaction between Chiral Carbon Dots and Chiral Ligands for Developing Chiral Sensing Devices, *J. Phys. Chem. C* 2024, 128, 22, 9345-9352.

GRANTS:

1. Received a grant from DBT, Grant no. BT/PR53755/BMS/85/154/2024, Fund: 60 lakhs
Title: Conductive freestanding soft biopolymer for bioelectronic devices

DR. KAPIL SAGROLIKAR & DR. NAGSEN MESHRAM

Organized of One Week International Workshop on “Harnessing Effective Communication Skills to Optimize Placement Opportunities”



Dr Kapil Irwantrao Sagrolikar, Assistant Professor of English, Institute of Chemical Technology Marathwada Campus Jalna, organized one-week international workshop on “Harnessing Effective Communication Skills to Optimize Placement Opportunities” from 06 – 10 May 2024. The objective of the workshop was to raise awareness among participants about the significance of developing and refining effective communication skills. This, in turn, would bolster the chances of candidates or aspirants securing positions at prestigious firms, companies, or industries. The workshop aimed to address the following crucial areas where effective communication significantly impacts the optimization of placement opportunities.

The Importance of Communication in Employment Placement: Communication Skills and Campus Placement. Effectiveness of Communication and What the Industry expects, demands and What the Corporate Job Requirements are Importance of Persuasive Writing which covers how to write Job Application (Cover Letter), the Email Etiquettes (‘Before’ the

start of the placement, ‘During’ the placement and ‘After’ getting selected) and the Statement of Purpose (SoP). Careful drafting of the persuasive Print and Video Résumé. Excelling in Group Discussion and Emerging as Group Leader and Team Player and Preparing for 21st Century Interview Skills: Putting the Best Foot Forward in Interviews

The target audience for the workshop were the students and faculty members from Technical Institution who would soon be going through the placement procedure. The workshop received an overwhelming response from over 150 participants (undergraduate students, postgraduate students and the faculty members). The resource persons were from various renowned institution ranging from International Institution like Mississippi Valley University, USA, Mahatma Gandhi Central University Bihar, ICT Mumbai, NIT Hamirpur, and SR University Warangal.

“I personally thank all the resource persons for accepting our request to conduct sessions at the workshop. Every session was well organized and went as per the objectives laid down for each session. a special thanks to Prof Aniruddha Pandit, Vice Chancellor, ICT Mumbai, for allowing us to carry out the first ever workshop in the field of Communication Skills. I also express my deep gratitude to Prof Uday Annapure, Director-ICT MARJ for encouraging me to take up this endeavor. Last but not the least my sincere regards to the co-convener of the workshop Dr Nagsen Meshram who has always worked in the background and looked after the technical part and to the technical staff Mr Ganesh Barbaile. I hope that we will continue this endeavor every year and keep adding various feathers to it.” Dr Kapil Sagrolikar, the convener of the workshop.

TARA – PH.D. ACHIEVEMENTS

MS. SAVITA MANE

TEEP International Internship



Ms. Savita S. Mane a doctorate student working under **Prof. Girish M. Joshi** recently selected for three-month international research internship at Chung Yuan Christian University (CYCU), Taiwan. She conducted her research under the guidance of Prof. Shu Hao Chang in the Nanomaterials and Devices Laboratory, CYCU, Taiwan. Her research was focused on improving zinc-ion batteries by reducing dendrite formation, a critical step toward making these batteries safer and more efficient. During the internship, she gained hands-on experience in advanced material



synthesis and analysis, contributing to cutting-edge research in energy storage.

Beyond academics, this experience also offered a valuable cultural exchange. Immersed in Taiwan's rich traditions and dynamic academic environment, Savita embraced new perspectives and built lasting connections with fellow researchers from diverse backgrounds. This internship not only enhanced her technical expertise but also broadened her global outlook, reflecting a perfect blend of scientific learning and cultural growth, bringing pride to our institution.

National Conference on Sensing and technologies



Ms. Savita S. Mane recently participated in the National Conference on Sensing and Technologies organized by the Institute of Physics, Bhubaneswar, Odisha. Her research abstract,

titled “*Study of Polymer Nano-Hybrid composites for Cd²⁺ nanomolar Detection*” was selected for an oral presentation, marking a significant achievement. During the conference, she had the honor of delivering a talk on her work, which highlights the development of sensitive and reliable sensors for cadmium ion detection using an electrochemical approach.

The event provided an excellent platform to share innovative ideas and engage with leading researchers in the field of sensing technologies. Savita's participation showcased her dedication to cutting-edge research but also reflected the academic rigor and innovation nurtured by our institution.



MR. ROHIT UPADHYAY

Mr. Rohit Upadhyay Received Prestigious Prime Minister Research Fellowship (PMRF)



We are delighted to share that our PhD student Mr. Rohit Upadhyay received prestigious Prime Minister Research Fellowship (PMRF) under

the Anusandhan National Research Foundation-PMRF (ANRF-PMRF) scheme. This recognition is a major step forward in his research journey at the Institute of Chemical Technology, Mumbai, Marathwada Campus, Jalna (ICT MARJ), under the supervision of Dr. Manoj B. Gawande.

This accomplishment would not have been possible without the unwavering support of Krishi-I-Dal Pvt. Ltd. (R&D Director: Mr. Ashish Mantri), a prominent industry partner in the Marathwada region, who played a key role in endorsing his application.

The ANRF-PMRF scheme is a visionary initiative to support the finest talents in doctoral research, encouraging innovative approaches to address challenging research problems and develop in-house technologies to strengthen India's research ecosystem.

MS. SUPRIYA JOSHI

Kaohsiung Medical University (KMU), Taiwan for Research Internship



Dr. Manojkumar Jadhao's PhD scholar, Supriya, from the Institute of Chemical

Technology, Mumbai Marathwada Campus, Jalna, has recently visited Kaohsiung Medical University (KMU), Taiwan for international research internship. She has been selected

under the Taiwan Experience Education Program (TEEP), under Prof. Vinoth Kumar Ponnusamy's at KMU Taiwan. This six-month internship, supported by the Taiwan Ministry of Education, provided her with hands-on experience working with advanced instrumentation such as LCMS/MS, ICPMS, HPLC, and GC-MS/MS. During her stay, Supriya contributed to several exciting projects, enhancing her expertise in

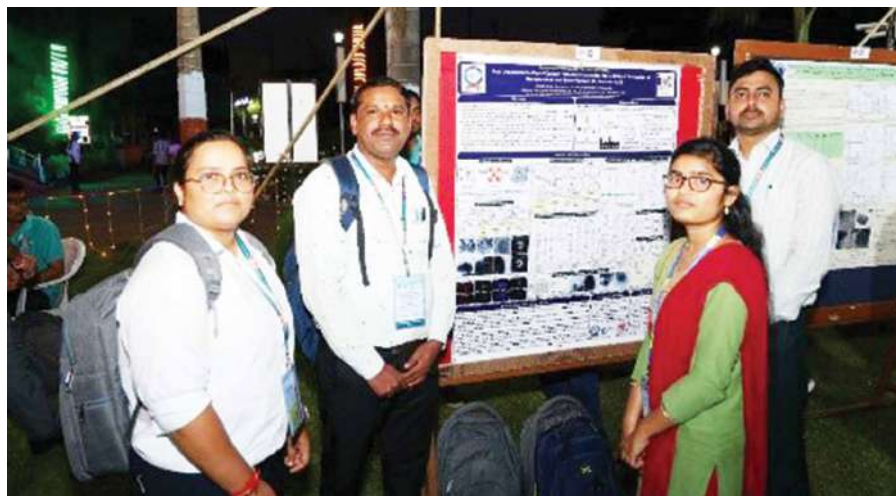


material and analyte selection, optimization studies,

and advanced analytical techniques. Reflecting on the experience, Supriya expressed her gratitude to Prof. Vinoth Kumar for his mentorship and guidance, as well as to her supervisor, Dr. Manojkumar Jadhao, for encouraging her to pursue this transformative opportunity. Supriya also acknowledged the warm support she received from her lab colleagues and the KMU community, which made her stay enriching and

memorable. Her international exposure is expected to bring innovative insights to her ongoing doctoral research on chromic small molecules for sensing applications, further advancing the field. The Institute of Chemical Technology, Mumbai Marathwada Campus, proudly celebrates Supriya's achievements, showcasing the institute's commitment to fostering global research collaborations.

MR. ARUN D. KUTE



Arun D. Kute (PhD Student) presented a poster entitled “Iron decorated N-doped carbon nanoarchitectonics for C-H bond activation of methyl arenes and esterification of levulinic acid” in national conference on “Catalysis for Energy,

Environment & Sustainability CEES-2024” at CSIR-Indian Institute of Chemical Technology (IICT) Hyderabad on 18th to 20th September 2024.

MR. HANUMANT B. KALE



Hanumant B. Kale (PhD Student) delivered a flash presentation on a topic entitled “Triazole

derived carbon nitride for atmospheric fixation of carbon dioxide into cyclic carbonate” in national



conference on “Catalysis for Energy, Environment & Sustainability CEES-2024” at CSIR-Indian

Institute of Chemical Technology (CSIR-IICT) Hyderabad on 18th to 20th September 2024.

MS. GAYATRI SADAPHAL AND MRS. CHHAYA PAWAR JOINED AS A PHD STUDENTS IN GAWANDE'S RESEARCH GROUP

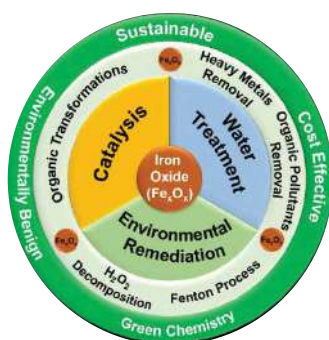
On August 2nd, 2024, Miss Gayatri Pradeep Sadaphal joined Gawande's Research Group at ICT MARJ as a Research Scholar. She is currently working on her PhD project titled “Non-Noble Single-Atom Catalysts for Electrocatalytic Applications”. Gayatri completed her M.Sc. in Organic Chemistry from New Arts, Commerce, and Science College Ahmednagar in 2023. Her research interest focused on design and fabrication of advanced single-atom catalysts for

electrocatalytic applications including hydrogen evolution reactions, oxygen evolution reactions, and CO₂ reduction reactions.

Mrs. Chhaya Pawar joined Gawande's Research Group as a PhD student at ICT-MARJ in August 2024. Her research interest focused on development of single atom electrocatalyst for energy applications including sustainable hydrogen production and other value added chemicals.

DINESH S. CHAUDHARI AND ROHIT P. UPADHYAY

These two have jointly published a very first tutorial review article on topic, “A review on sustainable iron oxide nanoparticles: synthesis and application in organic catalysis and environmental remediation”, in a Green Chemistry journal under the



guidance of Dr. Manoj B. Gawande. Green Chem., 2024,26, 7579-7655 (IF: 11)

Please visit the below link for full access of this paper, <https://pubs.rsc.org/en/content/articlelanding/2024/gc/d4gc01870b>

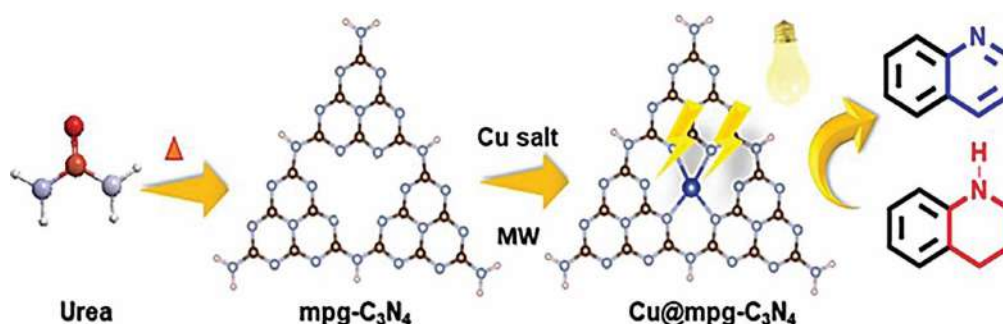
DR. RAHUL P. GAIKWAD

Dr. Rahul P. Gaikwad published a research article on single-atom catalyst entitled, “Harnessing photocatalytic activity of mesoporous graphitic carbon nitride decorated by copper single-atom catalysts for oxidative dehydrogenation of N-heterocycles”, in a Journal of Colloid and Interface Science. Journal of Colloid and Interface

Science 2024, 676, 485-495 (IF: 9.4)

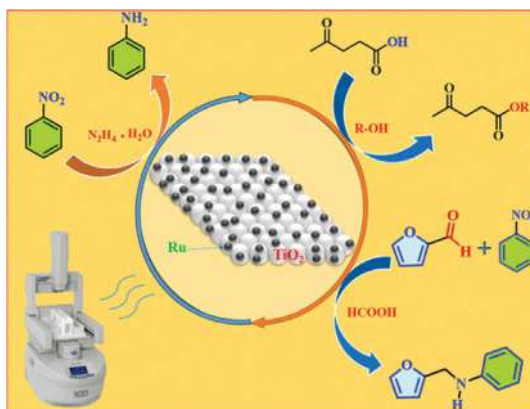
Please visit the below link for full access of this paper,

<https://www.sciencedirect.com/science/article/pii/S002197972401573X>



DR. INDRAJEET R. WARKAD

Dr. Indrajeet R. Warkad published an invited research article entitled, “Titanium Dioxide Supported Ru Nanoparticles as Efficient Catalysts for Microwave-Assisted Sustainable Organic Transformations”, in a special issue entitled “Celebrating the 25th Anniversary of the



Chemical Research Society of India” by ACS Publications in ACS Sustainable Chemistry & Engineering.

ACS Sustainable Chemistry & Engineering 2024, 12, 15077-15088

Please visit the below link for full access of this paper,

<https://pubs.acs.org/doi/abs/10.1021/acssuschemeng.4c04552>

STUDENT ACHIEVEMENTS

ANISH GORE

Anish, recently certified the lean six sigma programme.

CHIRANTAN SAIGAONKAR

Chirantan, who's pursuing his masters' degree from food technology qualified the UGC-NET June 2024 examination for PhD admission.

SAYALI PAWAR

Sayali, who's pursuing her masters' degree from pharma technology has published her research paper. “One-Pot Synthesis of the 5-Benzylidene-2-thioxothiazolidin-4-one Derivative and Screening of Metal Catalysts Using Fruit Juice in Russian journal of organic chemistry”.

MRIDUN GUPTA AND JIGEESHA CHASKAR

On the behalf of our institute's Green Club, Faculty Coordinator “Sandeep P. Bhairat”, Green Club President “Jigeesha Atul Chaskar” and me, Green

Club Vice President “Mridun Gupta” attended a insightful nurturing workshop, indulging our concern into critical discussions about water security, sustainability, and innovative approaches to managing water resources, especially for the drought-prone Marathwada region.

Together,

- we learned the importance to raise the awareness for water conservation
 - we learned to build community engagement for policy advocacy
 - we pledged to do our best to develop the solutions that contribute to climate-resilient infrastructure.
- Know more: go.mridun.co/MARJAL_knowmore
Media attachments (in original quality): go.mridun.co/MARJAL_attachments

ADITYA MUNDHE

Aditya was the sports representative of 4th year integrated Mtech batch and recently, he published a review paper (<https://doi.org/10.1016/j.hybadv.2024.100282>) in journal ‘Hybrid Advances’.



Notable Industry Placements for ICT MARJ Students (Integrated Mtech 2019-2024*)

Sr. No	Student Name	Company Name	Location
1	Sanket Banchod	Worley	Airoli, Mumbai
2	Gauri Ladda	Anukoolan Solutions	Pune
3	Ritesh Patil	Anukoolan Solutions	Pune
4	Omkar Shetye	Eternis Fine Chemicals	Kurkumbh, Pune
5	Santosh Zol	Eternis Fine Chemicals	Kurkumbh, Pune
6	Tanisha Patni	Tridiagonal Solutions	Pune
7	Ayush Gulhane	Tridiagonal Solutions	Pune
8	Aditya Deshpande	SPX Flow Pvt Ltd	Pune
9	Sumit Ingle	SPX Flow Pvt Ltd	Pune
10	Abhinav Tidke	Macleods Pharma	Sarigam, Gujarat
11	Hrushikesh Chandodkar	Macleods Pharma	Sarigam, Gujarat
12	Shrikant Khandebharad	Scitech Patent Art Services	Bangalore
13	Sarika Kulkarni	R. K. Dewan	Pune
14	Shreya Yeole	Dow Chemicals	Navi Mumbai
15	Sakshi Tak	Inprocess Technology and Consulting	Pune
16	Shruti Patil	Eat Anytime	Mumbai
17	Ketaki Patil	InsightsHigh	Chicago, (Remote)
18	Khushal Agarwal	Bajaj Healthcare Limited	Mumbai
19	Vaishnavi Patil	BASF	Mumbai
20	Altamash Farooqui	Nature Eco Building Private Limited	Jalna, Maharashtra

Prestigious Overseas Universities Admit ICT MARJ Students for Higher Studies (Integrated Mtech 2019-2024*)

Sr. No	Student Name	College Name	Location
1	Rohan Thota	University of South Florida	USA
2	Raj Wagh	University of Michigan	USA
3	Sarang Shindalkar	University of South Florida	USA
4	Aniket Shitole	KTH Royal Institute of Technology	Sweden
5	Pratham Shah	McMaster University	Canada
6	Omkar Mule	University of Ottawa	Canada
7	Vrushank Dhake	University of Washington	USA
8	Tejas Jairange	Carnegie Mellon	USA