

**World Entrepreneurship Day  
STARTUP EXHIBITION 2.0 at ICT  
Mumbai**

*Prepared by:*

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**Introduction**

On the 22nd of August, 2024, our journey to the World Entrepreneurship Day STARTUP EXHIBITION 2.0 began. This event was organized by the Institute of Chemical Technology (ICT) in Mumbai, aiming to showcase innovative start-ups developed within the institution. Our team, representing Gharda Institute of Technology, Lavel, for visit comprised 35 students from the Chemical, Mechanical, and Computer Engineering branches. I, Prof. Nitish Galande, had the privilege of leading this group, accompanied by Dr. Samir Gajmal, Dean of Incubation. The trip was a carefully planned endeavour aimed at exposing our students to the world of start-ups and innovation.

**Journey to ICT Mumbai**

Our day started early, with the group assembling at our college campus at 3:30 AM. By 4:00 AM, we boarded the college bus, driven by Mr. Awate, who ensured a smooth and safe journey. The atmosphere in the bus was filled with excitement and curiosity as students looked forward to exploring the start-up ecosystem at ICT Mumbai.

The journey to Mumbai was approximately 7.5 hours long. During the trip, I took the opportunity to discuss the significance of start-ups in today's economy with the students. We also touched upon the various challenges and opportunities that entrepreneurs face. This conversation helped set the tone for the day, preparing the students for the experiences ahead.

**Arrival and Welcome at ICT Mumbai**

We reached the ICT Mumbai campus at around 11:30 AM. The first thing that struck us was the grandeur of the campus and the vibrant atmosphere, reflecting the institution's rich legacy of innovation and research. Upon arrival, we were warmly welcomed by Mr. Akash, the student coordinator from ICT. He greeted us with tea and biscuits, which was much appreciated after our long journey.

Mr. Akash then organized a brief interactive tour of the ICT campus. We visited various departments, including the Chemical Engineering and Pharmaceutical Science departments. The students were particularly interested in learning about the cutting-edge research and technologies

being developed at ICT. This tour was a great way to introduce our students to the academic and research excellence of ICT, setting the stage for the startup exhibition.

## Conference and Presentation

At 1:00 PM, we gathered in the conference hall for an insightful session on the importance of startups and innovation. The session was led by Miss Aksharra, the Manager of the Idea and Incubation Cell at ICT. She provided an overview of the various start-up stalls that we would be visiting later in the day. Her presentation was detailed and informative, covering a wide range of topics from startup ideation to incubation and scaling.

Following Miss Akshara's presentation, Dr. Padma Devarajan, Head of the Pharmaceutical Department and Dean of the Idea and Innovation Cell at ICT, addressed the gathering. Dr. Devarajan's speech was highly motivating. She emphasized the role of innovation in driving economic growth and encouraged students to think beyond traditional career paths. Her words resonated deeply with the students, sparking a lively discussion on the various avenues available for aspiring entrepreneurs.

## Interaction with the Vice Chancellor

One of the most memorable moments of the day was the interaction with Dr. R.D. Kulkarni, the Vice Chancellor of the University of Mumbai. Dr. Kulkarni's warm and encouraging demeanour left a lasting impression on the students. He spoke about the importance of innovation in education and how initiatives like the start-up exhibition help bridge the gap between academic research and real-world applications. The students were inspired by his words and took the opportunity to ask questions and seek guidance on their own entrepreneurial ideas.

## Visiting the Startup Stalls

After the conference, we proceeded to visit the various start-up stalls at the exhibition. Each stall showcased unique and innovative products developed by students and alumni of ICT. The following is a summary of some of the notable stalls we visited:

### Notable Startups at the Exhibition:

#### 1. **Novetra Pharma Pvt. Ltd.**

- **Director:** Mr. Santosh Gejge
- **Focus:** Contract research and development for formulations of generic oncology solid dosage forms for the healthcare industry.
- **Location:** B-43 MIDC Vita, Tal-Khanapur, Dist-Sangli, Maharashtra, India
- **Contact:** 7378912180
- **Description:** Under the leadership of Director Mr. Santosh Gejge, Novetra Pharma Pvt. Ltd. excels in contract research and development, specifically in the formulation of generic oncology solid dosage forms. Their pioneering work in the healthcare sector addresses critical needs in cancer treatment, making significant contributions to the fight against cancer through innovative and affordable solutions.

2. **GreenShift Energy Private Ltd.**

- **Senior Scientist:** Shubhda Gadthye
- **Focus:** Bio-based chemicals, packaging, fuels, wastewater technology, and skill management in waste management.
- **Contact:** 9702196510
- **Description:** GreenShift Energy Private Ltd. is at the forefront of sustainable innovation, focusing on bio-based chemicals, eco-friendly packaging, biofuels, and advanced wastewater technology. Senior Scientist Shubhda Gadthye highlighted the company's commitment to skill management in the waste management sector, reflecting a holistic approach to sustainability that addresses both environmental and economic challenges.

3. **DESCHEM Pvt. Ltd.**

- **Director:** Surjit Some
- **Focus:** Eco-friendly retardant materials.
- **Contact:** 9819399212
- **Description:** Led by Director Surjit Some, DESCHEM Pvt. Ltd. is dedicated to the production of eco-friendly retardant materials. These innovative materials are designed to enhance safety while minimizing environmental impact, playing a crucial role in promoting safer and more sustainable industrial practices.

4. **PSUEDE Pvt. Ltd.**

- **Focus:** Animal-free leather technology using natural fibers and fungi.
- **Contact:** Ravindra Kale and Shamlan Reshamwala (ICT, Matunga, Mumbai)
- **Description:** PSUEDE Pvt. Ltd. is revolutionizing the fashion industry with their animal-free leather technology. By utilizing natural fibers and fungi, the startup offers a sustainable alternative to traditional leather, addressing ethical concerns while maintaining high-quality material standards. The innovation represents a significant step forward in sustainable fashion.

5. **Hydro Cawach Technologies Pvt. Ltd.**

- **Focus:** Nature-based water disinfection technologies for groundwater treatment, hand pump disinfectants, and lake treatment.
- **Contact:** 8624984991
- **Description:** Hydro Cawach Technologies Pvt. Ltd. specializes in nature-based water disinfection technologies. Their solutions for groundwater treatment, hand pump disinfectants, and lake treatment are vital for addressing water scarcity and ensuring the availability of safe drinking water, particularly in rural and underserved areas.

6. **Ninepetals LLP**

- **Focus:** Use of natural dyes on natural fibers for handcrafted products.
- **Description:** Ninepetals LLP is known for their beautiful handcrafted products made from natural fibers dyed with natural dyes. The company's focus on sustainability and artistry has resonated strongly with consumers, especially students, who appreciate the combination of traditional craftsmanship with environmental consciousness.

7. **Biocraft Foods**

- **Focus:** Blending innovation and technology to craft cultivated chicken meat.

- **Description:** Biocraft Foods is leading the way in the production of cultivated meat. Their innovative process of creating chicken meat through technological advancements represents the future of food production, addressing both sustainability concerns and food security challenges in an ever-growing global population.
8. **SruHarSha Krishi**
- **Innovator:** Dr. Suraj S. Kapale
  - **Focus:** Quality agriculture products at affordable prices, emphasizing ease of use and sustainability.
  - **Description:** Founded by Dr. Suraj S. Kapale, a passionate student and budding entrepreneur from Parli Vaijnath, Beed district, SruHarSha Krishi offers agricultural products that prioritize ease of use, affordability, and sustainability. The startup's commitment to supporting small farmers through innovative and accessible solutions is both admirable and impactful.
9. **Cosmiclear Pvt. Ltd.**
- **Focus:** Organic cosmetic products ranging from face scrubs to lotions made from natural, organic materials.
  - **Contact:** 9145571878
  - **Description:** Specializing in organic cosmetic products, Cosmiclear Pvt. Ltd. offers a diverse range of skincare items including face scrubs, lotions, and creams. Their commitment to using natural and organic materials aligns with the growing consumer demand for sustainable and eco-friendly beauty products, making them a standout in the cosmetics industry.

## Reflections and Learnings

The visit to the startup exhibition was an eye-opener for both students and faculty. It was inspiring to see how innovative ideas could be transformed into viable businesses with the right support and guidance. The interactions with start-up founders and industry leaders provided invaluable insights into the entrepreneurial journey.

As an educator, I found this experience particularly rewarding. It reinforced the importance of nurturing a spirit of innovation among students and providing them with opportunities to explore their ideas. The students left the exhibition with a renewed sense of purpose, eager to apply what they had learned in their own projects and future careers.

## List of Students:

### World Entrepreneurship Day STARTUP EXHIBITION 2.0 “Showcasing ICT NICE Start-ups”

ROLL NO.	NAME OF THE STUDENT / DATE	Class
1	AMBRE SHIVTEJ SACHIN SANIKA	TE
2	AMBRE VEDANT ANANT AMIKSHA	TE
3	BAHUTALE ATHARVA PRAMOD PRAJAKTA	TE
4	BAIKAR PRANAY GANESH PRIYANKA	TE
5	CHAVAN SARVESH SUNIL SARITA	TE
6	JADHAV SIDDHESH VIJAY VIJAYA	TE
7	KALAMBATE ADITYA BALIRAM KALYANI	TE
8	KHARAT SIDDHI DASHARATH DARSHANA	TE
9	KHASASE SAHIL SANTOSH SIDDHI	TE
10	MITHA MUHAMMAD MUBEEN TAHIRA	TE
11	MORE ADITYA SUNIL NANDA	TE
12	MORE PRATHAMESH SANDESH SAMPADA	TE
13	PATIL OM GIRISH SEEMA	TE
14	RAHATE SHUBHAM SUBHASH ANKITA	TE
15	ROHILKAR VRUNDAVAN VIKAS VISHAKHA	TE
16	SHINDE APURVA ANIL ANAMIKA	TE
17	TAMBITKAR SAHIL CHANDRAKANT SWATI	TE
18	VICHARE ADITI ARVIND ASMITA	TE
19	WADKAR SAIRAJ KASHINATH ASHARANI	TE
20	PATIL SOHAM SANTOSH	SE
21	SANWARE VAIBHAV P.	SE
22	KUSHTE AVADHOOT HIMANSHU MANASI	SE
23	NIMKAR YASH VIJAY SEEMA	SE
24	GAYKAR ARYAN PRABHAKAR PRITI	SE
25	SALAVI SANDIP DHANAJI SWATI	SE
26	GHANSAR ABID NAUSHAD ASMINA	SE
27	ADHIKARI SEHRAN FAIROZ SHAGUFTA	SE
	Prof. Nitish D. Galande	Faculty Coordinator, Chem. Engg.

## Photo Graphs:



**1: At the end of the exhibition day with the organizing team: Dr. Padma Devrajan, Dr. Sarode, Miss Akshara, Mr. Akash, Prof. Nitish Galande, Dr. Samir Gajmal, and all the students**



**2: Visit to various units during the exhibition.**





**3: Visit to various units during the exhibition.**



**4: Visit to various units during the exhibition.**





**5: Prof. Mayur Ladole, Assistant Professor, DBT, ICT Mumbai, who was my roommate during my master's program. He guided students on higher studies and discussed startup ideas and their workings.**



**6: Hon'ble Vice Chancellor Prof. R.D. Kulkarni, University of Mumbai, engaging in discussion with students.**



**7: Hon'ble Prof. R.D. Kulkarni, Vice Chancellor-University of Mumbai; Prof. Mayur Ladole, Assistant Professor, DBT, ICT Mumbai; and Prof. Nitish Galande, Assistant Professor, Department of Chemical Engineering, Gharda Institute of Technology, Lavel. Prof. Galande, my mentor during my master's program and former Director, UICT, NMU Jalgaon.**

## **Outcomes of the Visit: Course Objectives and Program Outcomes**

### **Course Objectives:**

- 1. Exposure to Real-World Innovation:**
  - The visit provided students with direct exposure to cutting-edge innovations and technologies across various industries, enabling them to connect theoretical knowledge with practical applications.
- 2. Understanding of Startup Ecosystems:**
  - Students gained a comprehensive understanding of the startup ecosystem, including the roles of entrepreneurship, innovation, research and development, and sustainability in shaping future industries.
- 3. Encouragement for Entrepreneurship:**
  - The visit inspired students to consider entrepreneurship as a viable career option by showcasing the success stories of startups that originated from simple ideas and evolved into impactful businesses.
- 4. Networking and Professional Development:**
  - Students had the opportunity to interact with industry leaders, innovators, and entrepreneurs, enhancing their professional network and gaining insights into career opportunities and industry trends.
- 5. Application of Sustainable Practices:**
  - The visit emphasized the importance of sustainability in modern business practices, encouraging students to consider eco-friendly solutions and sustainable practices in their future projects.

### **Program Outcomes:**

- 1. Enhanced Problem-Solving Skills:**
  - Students developed problem-solving skills by understanding how startups address industry-specific challenges through innovative products and services.
- 2. Critical Thinking and Innovation:**
  - The visit fostered critical thinking and innovation, as students observed how startups approach complex problems with creative and resourceful solutions.
- 3. Entrepreneurial Mindset:**
  - Students acquired an entrepreneurial mindset, learning the importance of risk-taking, adaptability, and perseverance in the journey from idea incubation to startup success.
- 4. Interdisciplinary Learning:**
  - The visit promoted interdisciplinary learning by exposing students to a variety of fields such as biotechnology, pharmaceuticals, energy, agriculture, and sustainability, broadening their understanding of how different disciplines intersect in the real world.
- 5. Teamwork and Collaboration:**
  - The activity encouraged teamwork and collaboration, as students engaged in group discussions and shared their insights on the startups' innovations and business models.
- 6. Sustainability Awareness:**

- Students became more aware of the role of sustainability in business and innovation, recognizing the significance of eco-friendly practices and the development of sustainable products.
7. **Professional Communication Skills:**
- Interacting with industry experts and startup representatives enhanced students' communication skills, preparing them for future professional interactions in their careers.
8. **Ethical Considerations in Business:**
- The visit highlighted the importance of ethical considerations in business practices, particularly in areas like environmental sustainability and responsible innovation.

## **Return Journey and Conclusion**

After a day filled with learning and inspiration, we departed from ICT Mumbai at 5:00 PM. We stopped for dinner near Mangaon at 10:30 PM before continuing our journey back to Lavel. We arrived at the college on 23 rd August, 2024 early morning at 2:30 AM. The students from Kherdi and Chiplun were safely dropped off by me and Mr. Awate, after which we returned to the college at 4:15 AM.

The World Entrepreneurship Day STARTUP EXHIBITION 2.0 was a resounding success, leaving a lasting impact on all who attended. The knowledge gained and the experiences shared will undoubtedly shape the future endeavours of our students as they embark on their own entrepreneurial journeys.



Prof. Nitish Dattatray Galande  
Assistatnt Professor, Dept. Chemical  
Engineering, GIT-Lavel

**Name and Signature of Faculty Coordinator**