

SATELLITE LAUNCH

Event Details:

| | |
|-------------------------|------------------|
| EVENT | Satellite launch |
| DATE | 18/10/2025 |
| NUMBER OF STUDENTS | 39 |
| NUMBER OF TEACHERS | 8 |
| NUMBER OF BENEFICIARIES | PUBLIC |

Satellite Launch Event by National Cadet Corps (NCC) at Koneru Lakshmaiah Education Foundation (KLEF)

The National Cadet Corps (NCC) unit of Koneru Lakshmaiah Education Foundation (KLEF) played a prestigious role in organizing one of the most remarkable technological events on campus—the **launch of three student-developed satellites**. This event marked a significant milestone in the university's commitment to scientific innovation, research culture, and experiential learning. The disciplined coordination and dedicated participation of NCC cadets ensured the smooth execution of the program, highlighting the values of leadership, teamwork, and national development.

The satellite launch event not only showcased KLEF's scientific capabilities but also inspired students and the local public by demonstrating how educational institutions can contribute to India's growing presence in space technology. NCC cadets supported the event by managing arrangements, assisting dignitaries, coordinating the launch procedures, and maintaining protocol throughout the ceremony. Their involvement reflected the NCC's core mission of developing responsible, skilled, and nation-focused youth.

Satellite Launch Event at KLEF University

Koneru Lakshmaiah Education Foundation (KLEF) University proudly hosted an extraordinary satellite launch event, bringing together students, faculty, scientists, and distinguished guests. The highlight of the program was the official **release of three**

satellites developed under university-led research initiatives. This event celebrated the spirit of scientific curiosity, technological advancement, and innovation-driven education.

The ceremony was graced by three eminent dignitaries:

1. **Shri Kanumuru Raghu Rama Krishna Raju Garu**
Deputy Speaker, Andhra Pradesh Legislative Assembly, Government of AP
2. **Shri Bhupathiraju Srinivasa Varma Garu**
Union Minister of State, Ministry of Heavy Industries and Steel, Government of India
3. **Shri Koneru Satyanarayana Garu**
President and Chancellor, KLEF

These esteemed guests officially inaugurated the launch and commended the university for driving India's next-generation technological advancements. Their presence inspired the student community and reaffirmed the importance of innovation, research, and skilled youth for national progress.

The event included demonstrations, technical presentations by student teams, and an explanation of the satellite mission objectives, such as environmental monitoring, communication testing, and educational research. The involvement of students in designing, building, and launching satellites demonstrated KLEF's vision of preparing industry-ready engineers and innovators.

Significance of the Satellite Launch

The launch of three satellites holds great national and educational significance. It reflects the growing capability of Indian universities to contribute meaningfully to space science and technology. Such initiatives encourage students to explore advanced fields like aerospace engineering, embedded systems, communication technology, and atmospheric studies.

The significance of the satellite launch can be understood through the following points:

- **Technological Advancement:** Students gain hands-on experience with real-world space technology, strengthening India's scientific talent pool.

- **Research and Innovation:** Satellite missions enable valuable data collection for environmental, communication, and academic purposes.
- **National Contribution:** University-led satellite launches support the nation's larger goals in space exploration and technological development.
- **Skill Development:** Students involved acquire problem-solving, scientific thinking, system design, and teamwork skills essential for future careers.
- **Global Competitiveness:** Such achievements position Indian universities on global platforms, showcasing the country's youth potential.

Impact of the Satellite Launch on the University and Community

- The satellite launch event at KLEF marked a historic milestone for the university, creating a profound and far-reaching impact on students, faculty, and the surrounding community. The successful launch of **three satellites**, released by distinguished dignitaries—including **Shri Kanumuru Raghu Rama Krishna Raju Garu (Deputy Speaker, Andhra Pradesh Legislative Assembly)**, **Shri Bhupathiraju Srinivasa Varma Garu (Union Minister of State for Heavy Industries and Steel)**, and **Shri Koneru Satyanarayana Garu (President & Chancellor, KLEF)**—significantly elevated the prestige of the institution. Their presence highlighted the national importance of this scientific achievement and motivated students to pursue excellence in research and innovation.
- **Strengthening Academic and Scientific Reputation**
- The successful satellite launch has greatly enhanced the academic standing of KLEF, placing the university among institutions actively contributing to India's technological advancement. This achievement reflects the strength of the university's research ecosystem, its strong engineering foundation, and its commitment to promoting multidisciplinary scientific innovation. The event has set a new benchmark, positioning KLEF as a rising hub for space research and advanced engineering education.
- **Fostering a Culture of Innovation and Research**
- The event ignited a renewed interest in scientific inquiry across departments. Students were inspired to participate in space-related projects, robotics, AI

applications in aerospace, and technological startups. The satellite launch served as a reminder that real-world innovation is within reach, encouraging young minds to convert ideas into impactful research. It also strengthened collaborations between faculty, research centers, and industry experts.

- **Inspiring the Community and Future Scientists**

- The satellite launch attracted students from schools, families from nearby communities, and local science enthusiasts. Witnessing the launch firsthand created a sense of wonder and aspiration among the public, especially younger students. Many expressed newfound interest in careers related to science, engineering, and aerospace. This community-wide enthusiasm reflected the broader social value of organizing such scientific events.

- **Boosting National Pride and Technological Confidence**

- The successful launch symbolized India's advancing capabilities in space technology, contributing to the nation's vision of scientific self-reliance. The event demonstrated how universities like KLEF are becoming active partners in the national mission of technological development. The dignitaries appreciated KLEF's efforts, emphasizing that such achievements reflect India's growing presence in global scientific innovation.

- **Educational Outreach and Knowledge Sharing**

- The satellite launch program also featured technical demonstrations, exhibitions, and interactive sessions. These activities helped educate students and visitors about satellite design, orbital mechanics, payload technology, and the future of space missions. These hands-on learning opportunities enriched the academic environment and expanded the scientific curiosity of participants.

Role of NCC in the Satellite Launch Event

The National Cadet Corps (NCC) played a crucial role in ensuring the success of the satellite launch. Their responsibilities included:

- Managing crowd control and public arrangements
- Escorting and welcoming the dignitaries
- Coordinating stage and event logistics

- Assisting technical teams
- Maintaining discipline and smooth execution throughout the program

Their active participation showcased the NCC's mission of producing capable, responsible, and service-minded youth. By supporting a large-scale scientific event, NCC cadets demonstrated how discipline and leadership can contribute beyond national service—into science, technology, and community development.

CONCLUSION:

In conclusion, the satellite launch event at KLEF University stands as a monumental achievement that blends scientific innovation, student brilliance, and patriotic pride into a single landmark occasion. The gracious presence of **Shri Kanumuru Raghu Rama Krishna Raju Garu**, Deputy Speaker of the Andhra Pradesh Legislative Assembly; **Shri Bhupathiraju Srinivasa Varma Garu**, Union Minister of State for Heavy Industries and Steel; and **Shri Koneru Satyanarayana Garu**, President and Chancellor of KLEF, added immense value, prestige, and credibility to the event. Their participation symbolized strong governmental and institutional recognition of the university's commitment to technological advancement.

The successful launch of three satellites reflects KLEF's unwavering dedication to fostering hands-on learning, research excellence, and global competitiveness. It also demonstrates the university's vision of contributing to national progress through innovation and scientific exploration. The active involvement of faculty, students, NCC cadets, and the public showcased a shared spirit of collaboration and national development.

This historic accomplishment will remain a source of inspiration for future generations of learners, researchers, and leaders. It reinforces KLEF University's mission of nurturing a technologically empowered India and positions the institution as a driving force in shaping the future of space exploration and scientific discovery.

EVENT PHOTOS:





LIST OF PARTICIPANTS:

| S. No | Name | ID Number | Branch |
|--------------|-------------------|------------------|---------------|
| 1 | T VISRUTH VARDHAN | 2300040338 | ECE |
| 2 | P BALAJI | 2200040046 | ECE |
| 3 | K SREEKALYAN | 2300030368 | CSE |
| 4 | K POLY VIGNAN | 2200033174 | CSE |
| 5 | S GANESH BABU | 2300032628 | CSE |
| 6 | K SUBHASH | 2300090026 | CSIT |
| 7 | C MAHESH REDDY | 2300033280 | CSE |
| 8 | P AMEEN KHAN | 2300070020 | MECH |
| 9 | A BHANU PRASAD | 2300040273 | ECE |
| 10 | C PAVAN SAI GUPTA | 2300032476 | CSE |
| 11 | S KARTHEEK | 2300033880 | CSE |
| 12 | G DURGA PRASAD | 2300030845 | CSE |
| 13 | D SATYANARAYANA | 2300040285 | ECE |
| 14 | K BHASKARA ARUN | 2300030993 | CSE |
| 15 | T SIDDHARTH | 2300031887 | CSE |
| 16 | A KARUNYA | 2300040232 | ECE |
| 17 | G PAVAN KUMAR | 2300032109 | CSE |

| | | | |
|----|-------------------------|-------------|------|
| 18 | D CHANDRASEKHAR | 2300040082 | ECE |
| 19 | D JITHENDRA VARMA | 2300033812 | CSE |
| 20 | MD SAMEER AHMED | 2300031449 | CSE |
| 21 | P ABHIRAM | 2300070010 | MECH |
| 22 | K SRI HARSHA | 2300033788 | CSE |
| 23 | B AVINASH | 2300033663 | CSE |
| 24 | V DEEPAK BANGARAM | 2300032518 | CSE |
| 25 | M PAVAN SHIVA MANIKANTA | 2200030906 | CSE |
| 26 | B APPALA NAIDU | 2200032813 | CSE |
| 27 | A MANOJ KUMAR | 2300060025 | EEE |
| 28 | C GEETHESH REDDY | 2300090143 | CSIT |
| 29 | SK SHARIEF | 2200049066 | ECE |
| 30 | M. THILAK LAKSHMANASAI | 2300020096 | AGBS |
| 31 | N. SOMESWARA | 23000520057 | BCA |
| 32 | CH. GOPALA KRISHNA | 23000520046 | BCA |
| 33 | K MOHANA PRIYA | 2300030850 | CSE |
| 34 | K HANNAH HARSHITHA | 2300080385 | AIDS |
| 35 | P GAYATHRI | 2300040023 | ECE |
| 36 | P VARSHA | 2300080209 | AIDS |

| | | | |
|----|--------------|------------|-----|
| 37 | M YASASWINI | 2300033012 | CSE |
| 38 | T YASHASVINI | 2300032658 | CSE |
| 39 | G RAJESWARI | 2200031053 | CSE |