



THE ELECOMM

A Quarterly Newsletter

Department of Electronics & Communication Engg, Echelon Institute of Technology, Faridabad

VOLUME-XIV ISSUE-II

OCT – DEC - 2023

INSTITUTE VISION AND MISSION

Vision:

The institute is committed to fulfilling its vision of "Technical and Management leaders engaged in the evolution of life, being at the frontiers of the continuous technological and administrative breakthroughs, inspired by ongoing exploration of self, society, and nature through self-reflective consciousness by building a culture of inspiration, exploration and growth."

Mission:

- M-1 Having a culture of inspiration, exploration and invention through effective, experiential teaching-learning giving rise to ever evolving knowledge and wisdom.
- M-2 To have self-inspired students ever engaged in continually working upon and sharpening and deepening computational, creative, innovative and leadership consciousness.
- M-3 Having students established in self-reflective consciousness, committed to personal, social & human integrity, and engaged in deep inquiry and conversation, giving rise to shared, inter-subjective human values and consciousness.



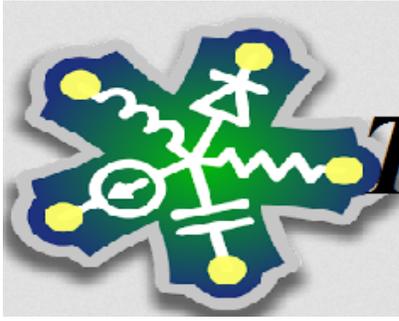
DEPARTMENT VISION AND MISSION

Vision:

To create highly skilled, trained, and confident Electronics and Communication Engineers having professional ethics, strong fundamental knowledge, passion for technology and competence to adapt to the rapid changes in technology with the time.

Mission:

- M-1 To impart sufficient technical knowledge, skill, and exposure to the students to make them a tech-savvy professional in the areas of VLSI, analog signal processing, digital system, embedded system, communication system etc.
- M-2 To have well qualified and competent faculty members in the department who are in a position to impart quality technical education.
- M-3 To regularly update the labs by incorporating experiments beyond syllabus and other value-added contents in keeping with current industry requirement.
- M-4 To ensure effective counselling and career guidance facility to the students to help them achieve their goals.
- M-5 To develop overall personality of the students by encouraging them to participate in technical and non-technical club activities, sports, and personality development programs.
- M-6 To encourage and prepare the students to participate in national level examinations like GATE.
- M-7 To encourage faculty and staff members to pursue higher education, research and to update themselves with the latest trends in technology being used in the field of electronics and communication.



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In the second issue of this year I would like to encourage all the students to participate in co-curricular activities and enhance their personality. In this issue, we delve into a range of topics that are sure to pique your interest. From insightful articles to the happenings around, there's something here for everyone.

Nitu Chauhan

Editor

Highlights

- ❖ **Article on Humanity and Science**
- ❖ **Farewell Celebration 2023**
- ❖ **Freshers Celebration 2023**
- ❖ **Techlon 2023**
- ❖ **Students Recognition Day 2023**

Bridging Humanity and Science: The Intersection of Knowledge and Compassion

Humanity and science, seemingly distinct realms of human experience, are inextricably linked by a shared pursuit of understanding and progress. While science seeks to unravel the mysteries of the universe through empirical observation and experimentation, humanity embodies the values of compassion, empathy, and ethical responsibility. In this article, we explore the intersection of humanity and science, highlighting the ways in which their collaboration has shaped our understanding of the world and our collective efforts to improve the human condition.

The Pursuit of Knowledge

Science, often described as the systematic study of the natural world, is driven by a relentless curiosity to uncover the underlying principles governing the universe. Through observation,

experimentation, and rigorous analysis, scientists seek to decipher the mysteries of nature, from the microscopic realm of subatomic particles to the vast expanse of the cosmos.

At the heart of scientific inquiry lies a quest for truth and understanding, transcending cultural, geographical, and ideological boundaries. The scientific method, with its emphasis on empirical evidence and logical reasoning, serves as a universal framework for acquiring knowledge and testing hypotheses. By adhering to principles of objectivity and skepticism, scientists strive to overcome bias and dogma, allowing for the continual refinement and expansion of human understanding.

The Human Dimension

While science provides a framework for understanding the natural world, humanity brings a crucial dimension of empathy, compassion, and ethical consideration to the pursuit of knowledge. Rooted in our shared experiences of joy, suffering, and interconnectedness, humanity reminds us of the importance of addressing the human consequences of scientific discovery.

As advancements in science and technology shape our world at an unprecedented pace, it is imperative to consider the ethical implications

of our actions. From debates surrounding genetic engineering and artificial intelligence to discussions on environmental sustainability and social justice, the intersection of science and humanity forces us to confront complex moral dilemmas and prioritize the well-being of present and future generations.

Moreover, humanity serves as a driving force for scientific inquiry, inspiring researchers to tackle pressing challenges such as disease eradication, poverty alleviation, and environmental conservation. By harnessing our collective empathy and compassion, scientists can develop solutions that not only advance human knowledge but also promote social justice and equality.

Collaborative Endeavors

The collaboration between humanity and science is perhaps most evident in interdisciplinary fields such as medical research, public health, and environmental science. In these domains, scientists work closely with policymakers, healthcare professionals, community leaders, and advocates to address complex challenges that transcend disciplinary boundaries.

For example, the global response to the COVID-19 pandemic exemplifies the synergy between science and humanity in action. Scientists raced to develop vaccines and treatments, while

healthcare workers risked their lives on the frontlines of patient care. Governments and organizations coordinated efforts to distribute resources and implement public health measures, while communities rallied together to support those most affected by the crisis.

Similarly, initiatives such as the Paris Agreement on climate change and the United Nations Sustainable Development Goals reflect a collective commitment to leveraging scientific knowledge and human values to address pressing global challenges. By fostering collaboration and dialogue across diverse stakeholders, these endeavors hold the potential to drive transformative change and build a more equitable and sustainable future for all.

*Ms Nidhi Singla
Assistant Professor*

Farewell Celebration – Uparambh 2k23

The Institution recently bid a heartfelt farewell – Uparambh 2k23 on 6th November 2023 to our valued fourth-year students, marking the end of their academic journey with warmth and camaraderie. Amidst the poignant farewells, the highlight of the event was the selection and celebration of Mr. and Ms. Farewell. The atmosphere buzzed with enthusiasm as

nominees showcased their talents and charisma, captivating the audience. Through rounds of applause and cheers, the winners were crowned, symbolizing the embodiment of our institute's spirit and excellence. Their four journey was celebrated with fervour, adding an extra layer of joy to the farewell festivities, ensuring a memorable send-off for our graduating class.

Glimpses of Uparambh 2k23



Fresher's Celebration – *Samarambh 2k23*

On 10th November 2023 Echelon Institute of Technology marked a jubilant occasion as our institute embraced Freshers Day with open arms, welcoming new talents into our midst. Amidst the excitement, the crowning of Mr. and Ms. Freshers stole the spotlight, celebrated with infectious enthusiasm. Nominees dazzled the crowd with their charisma, making the selection a thrilling affair. Cheers resounded as the deserving winners claimed their titles, embodying the spirit of our community. Adding to the grandeur, we were honoured to host three esteemed chief guests and judges: Vaibhavi Kohli (Model and Actress), Ankit Sikarwar (Model and Actor), and Manisha Khandelwal ((Model and Actress). Their presence elevated the event, inspiring our fresh talents to embark on a journey of growth and excellence.

Glimpses of Samarambh 2k23



Techlon- 24th November, 2023

Techlon, is an event organized at Echelon Institute of Technology on 24th November 2023, sets the stage for students to showcase their technical prowess and innovation. This platform provides an avenue for students to demonstrate their talents through a diverse range of technical projects and students from all courses showcase their projects. From cutting-edge software applications to groundbreaking engineering solutions, Techlon celebrates the ingenuity and creativity of our student body. With a focus on fostering collaboration and pushing the boundaries of technology, Techlon embodies the spirit of exploration and discovery. Through this event, Echelon Institute of Technology reaffirms its commitment to nurturing the next generation of technical leaders and innovators.

Student Recognition Day – *Prashashti* 2k23

"*Prashashti* 2k23" illuminated Echelon Institute of Technology on November 30th as the institution celebrated its annual Student Recognition Day with pomp and pride. This hallmark event honored the exceptional achievements and contributions of our students across various domains. From academic brilliance to outstanding leadership and community engagement, *Prashashti* showcased the multifaceted talents within our student body. Distinguished guests, faculty, and peers alike gathered to applaud and recognize the dedication and perseverance of these outstanding individuals. As the curtains drew on *Prashashti* 2023, it left an indelible mark, reaffirming our commitment to nurturing and celebrating excellence in every facet of student life.

Glimpses of Prashashti 2k23



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