

# INAUGURAL REPORT 2025



**23rd AUG 2025**

**9:30 am to 12:30 pm**

**AryaBhatta, NCERC**

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**NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE**

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# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**“FROM CIRCUITS TO CYBORGS: HOW ELECTRONICS ENGINEERS DRIVE THE ROBOTICS REVOLUTION”**

**DATE:** 23RD AUGUST 2025

**TIME:** 9:30 AM – 12:00 PM

**VENUE:** ARYABHATTA HALL, NCERC

**CHIEF GUEST**

**MR. AMITH RAMAN**

CEO & CO-FOUNDER, INKER ROBOTICS



**ECHOS  
2025**

# INAUGURAL SPEECH SESSION



## **Dr. Sudheer S. Marar (Dean Academics, NCERC):**

Dr. Sudheer S. Marar, Principal of NCERC, congratulated the department for organizing the event and stressed the importance of platforms like ECHOS 2025 in shaping student leadership. He encouraged students to embrace opportunities, think beyond textbooks, and strive for excellence in all their endeavors.

## **Dr. Mredhula L (HoD, ECE Department):**

As the Head of the Department, Dr. Mredhula L welcomed the dignitaries, faculty, and students with warmth and enthusiasm. In her remarks, she stressed the significance of the event's theme "From Circuits to Cyborgs" in today's rapidly advancing world and encouraged students to use ECHOS 2025 as a platform to showcase their creativity, technical knowledge, and leadership skills.



## **Mr. Amith Raman (Chief Guest, CEO – Inker Robotics):**

In his mini talk, Mr. Amith Raman shared valuable insights from his entrepreneurial journey. He emphasized how engineers can transform ideas into impactful solutions by combining technical expertise with vision and perseverance.



## **Prof. Shilija (ECE Department):**

Prof. Shilija spoke about the importance of creativity and adaptability in engineering education. She urged students to take part in departmental initiatives, research, and technical events, reminding them that innovation comes from curiosity and collaboration.



## **Prof. Suresh (ECE Department):**

Prof. Suresh addressed the gathering with a motivating talk on the role of electronics in modern engineering. He highlighted how circuits form the backbone of every advanced system and encouraged students to strengthen their fundamentals while exploring new technologies like robotics and AI.





# THE GRAND OPENING: INAUGURAL SESSION

The inaugural ceremony of “**From Circuits to Cyborgs: How Electronics Engineers Drive the Robotics Revolution**” was held on 23rd August 2025 at 9:30 AM in Aryabhata Hall, NCERC. The session was graced by senior officials of NGI and NCERC, including:

- **Adv. Dr. P. Krishnadas – Chairman & Managing Trustee, NGI**
- **Dr. P. Krishnakumar – CEO & Secretary, NGI**
- **Dr. R. Gowri – Director of Research, Ranking & Accreditation, NGI**
- **Dr. Sudheer S. Marar – Dean Academics, NCERC**
- **Dr. Mredhula L – Head of Department, ECE**

A one-minute silent prayer was also observed in memory of the **Founder Chairman, Late Shri P. K. Das.**

Following the inauguration, **Dr. Mredhula L**, Head of the Department of ECE, delivered the welcome address, warmly greeting the dignitaries, faculty, and students. She highlighted the importance of the event’s theme in today’s rapidly advancing technological world, especially the role of electronics engineers in driving the robotics revolution.

**Dr. Sudheer S. Marar**, Dean Academics, then delivered a special address. He congratulated the department for organizing the event and emphasized the need for students to embrace opportunities, think beyond textbooks, and strive for excellence in all their endeavors.



# NEWSLETTER UNVEILING & ECHOS 2025 TEAM INTRODUCTION

The unveiling of the departmental newsletter symbolized the continuous pursuit of knowledge and innovation within the Department of Electronics and Communication Engineering. The publication highlighted academic achievements, research initiatives, and various student-led activities, serving as both a record of progress and a source of inspiration for future students. The chief guest appreciated the editorial effort and remarked that newsletters not only preserve departmental milestones but also ignite enthusiasm and creativity among young engineers.

Following this, the spotlight shifted to the introduction of the new Executive Team of **ECHOS 2025**, who will carry forward the responsibilities of leading departmental activities and events in the coming year. The team includes **Chairperson – Ms. Aiswarya K, Secretary – Mr. Nanda Kishor S, Treasurer – Mr. Amal Krishna, and Editor – Mr. Sanath**, supported by assistant members in their respective branches. Their introduction was met with enthusiastic applause, reflecting the trust and excitement in their vision for the future. The ceremony concluded with the Vote of Thanks delivered by Chairperson Ms. Aiswarya K, who expressed gratitude to the dignitaries, faculty, staff, and students for their support in making the event a success. The program ended on an inspiring note, motivating participants to embrace innovation and contribute actively to the technological revolution ahead.



# PERFORMANCE OVERVIEW

The cultural segment of the program added a vibrant and festive touch to the day's proceedings, with captivating performances by students from the S7, S5, and S3 batches. The S7 students, being the senior-most batch, set the tone with a graceful and well-synchronized performance that reflected maturity, unity, and confidence, drawing enthusiastic cheers from the audience. Their dance showcased both elegance and energy, leaving a lasting impression on their juniors.



They were followed by the S5 students, who brought the stage alive with a colorful and highly energetic performance filled with creativity, rhythm, and youthful spirit. Their dance added excitement and kept the auditorium buzzing with applause. The S3 students rounded off the cultural session with a refreshing and innovative performance, full of enthusiasm and raw energy, proving that even the younger batches have immense talent and the confidence to shine on stage. Together, the performances of S7, S5, and S3 created an atmosphere of joy, celebration, and cultural pride, perfectly balancing the academic tone of the event.

# HONORING EXCELLENCE: ACADEMIC AWARD CEREMONY

The Academic Excellence Award Ceremony was one of the most anticipated moments of the event, celebrating the outstanding achievements of students in academics and extracurricular domains. The awards were presented by the Chief Guest, **Mr. Amith Raman**, who personally congratulated each recipient for their hard work, dedication, and perseverance. The ceremony highlighted the institution's commitment to recognizing talent and motivating students to strive for greater heights. As each awardee walked across the stage to receive their honor, the auditorium resounded with applause, reflecting the pride and encouragement of peers, teachers, and parents alike.



# FROM CIRCUITS TO CYBORGS: HOW ELECTRONICS ENGINEERS DRIVE THE ROBOTICS REVOLUTION



The chief guest, Mr. Amith Raman (CEO & Co-Founder, Inker Robotics), delivered the keynote talk on the theme “From Circuits to Cyborgs.” He emphasized the growing importance of robotics in modern industries and the opportunities for engineers to innovate in AI, automation, and robotics. The highlight of the program was the keynote session delivered by Mr. Amith Raman, CEO & Co-Founder of Inker Robotics, who was the chief guest for the event. In his address, Mr. Raman captivated the audience with his insights on the evolution of technology, tracing the journey “from circuits to cyborgs.” He explained how robotics, artificial intelligence, and electronics have become the backbone of the modern industrial revolution. Drawing from his entrepreneurial journey at Inker Robotics, he stressed the importance of combining technical expertise, creativity, and problem-solving skills to develop intelligent machines capable of transforming industries such as healthcare, manufacturing, and space exploration.

Mr. Raman also highlighted the critical role of electronics engineers in driving this revolution. He noted that every robotic system, regardless of its complexity, begins with circuits and fundamental electronic principles, and it is through constant innovation that these systems evolve into intelligent, semi-autonomous, and even humanoid forms. He urged students to cultivate interdisciplinary learning, embracing fields such as artificial intelligence, machine learning, and data science along with their core electronics knowledge. The session was interactive and thought-provoking, with students actively engaging in discussions and posing questions about the future of robotics and automation. The address not only motivated the audience but also left them with a strong message: to think beyond textbooks, to innovate fearlessly, and to be part of the upcoming wave of technological transformation.



# HONORING THE GUEST WITH A MEMENTO



As the program drew to its close, a memento presentation ceremony was held to honor the Chief Guest, **Mr. Amith Raman**, for his inspiring presence and invaluable contribution to the event. The dignitaries of NCERC, along with representatives from the Department of ECE, came forward to present a specially designed memento as a token of respect and gratitude. This gesture reflected the institution's deep appreciation for his thought-provoking keynote address and the time he dedicated to encourage and guide the students. The audience responded with resounding applause, marking the moment as one of pride and warmth.

The presentation of the memento not only symbolized gratitude but also served as a reminder of the strong bond between academia and industry that the event sought to strengthen. Such traditions highlight the values of respect, acknowledgment, and collaboration that lie at the heart of NCERC's culture. With this ceremony, the program reached a dignified conclusion, leaving behind memories of a day filled with learning, recognition, cultural celebration, and inspiration.



The event “From Circuits to Cyborgs: How Electronics Engineers Drive the Robotics Revolution” was a resounding success, bringing together academia, industry, and student talent on a single platform. From the solemnity of the inaugural session and the insightful keynote address by Mr. Amith Raman, to the recognition of academic achievers and the vibrant cultural performances by S7, S5, and S3 students, the program offered a perfect blend of knowledge, inspiration, and celebration. The unveiling of the departmental newsletter and the introduction of the new ECHOS 2025 Executive Team further marked the day as a milestone for the Department of Electronics and Communication Engineering.

The event concluded with a memorable moment — a grand group photograph capturing dignitaries, faculty members, and students together. This image stands as a symbol of unity, teamwork, and shared success, reflecting not only the triumph of the day’s event but also the spirit of collaboration that defines ECHOS 2025. The photograph serves as a lasting reminder of the dedication, enthusiasm, and collective effort that made the program a remarkable experience for everyone involved.