



NANDHA

COLLEGE OF TECHNOLOGY (Autonomous)

Approved by AICTE, New Delhi, Affiliated to Anna
University, Chennai



DEPARTMENT OF —

ELECTRONICS & COMMUNICATION ENGINEERING

CONNECT • COMMUNICATE • INNOVATE



ELECTRONICS



COMMUNICATION



CONNECTIVITY

DEPARTMENT
MAGAZINE

ACADEMIC YEAR
2025 – 2026

ABOUT OUR INSTITUTION



Erode, Tamil Nadu



Nandha College of Technology (Autonomous), located in Erode, Tamil Nadu, is a reputed engineering institution committed to academic excellence and innovation. Approved by AICTE and affiliated with Anna University, the college offers quality education supported by modern infrastructure and experienced faculty.

The institution focuses on outcome-based learning, research, and industry collaboration to prepare students for real-world challenges. With strong placement support and emphasis on overall development, Nandha College of Technology nurtures skilled professionals and responsible engineers for the future.

*“Empowering Knowledge. Inspiring
Innovation.”*



ABOUT THE DEPARTMENT



The Department of Electronics and Communication Engineering (ECE) at Nandha College of Technology has been one of the institution's most dynamic and innovative departments since its inception. Known for its strong academic foundation, modern laboratories, and industry-aligned curriculum, The Department continuously works to mold students into skilled engineers capable of meeting global technological challenges.

Established with an aim to provide quality technical education in the field of communication systems, embedded technologies, VLSI, and signal processing, the department has consistently adapted to the rapid advancements in the electronics world. With experienced faculty, well-equipped research facilities, and a student-centric learning environment, the ECE department stands as a hub of creativity, innovation, and excellence.

GROWTH & STUDENT'S INTAKE

2008 – Intake: 60 Students

The ECE department began its journey with an initial sanctioned intake of 60 students. With a strong curriculum and dedicated faculty, the department quickly gained a reputation for producing highly skilled and industry-ready graduates.

2011 – Intake Increased to 120 Students

Owing to rapid growth, strong student demand, and consistently high academic performance, the intake was doubled to 120 students in 2011. This expansion marked a significant milestone, showcasing the department's capability to nurture more young engineers while maintaining its high academic standards.

2012 – Started M.E. Communication Systems (Intake: 20 Students)

In 2012, the department expanded academically with the addition of the M.E. Communication Systems program, sanctioned with an intake of 20 students. And as now there are 6 intakes. This postgraduate program strengthened the department's focus on advanced communication technologies.



THIRU. V. SHANMUGAN
(CHAIRMAN)

CHAIRMAN'S MESSAGE :

I am delighted to share my thoughts for the academic year 2025–26 through ELCOEF AURORA, the official magazine of the Department of Electronics and Communication Engineering. This year marks yet another chapter of growth, innovation, and academic excellence for our institution.

The Department of Electronics and Communication Engineering continues to stand as a pillar of technological advancement, fostering a strong foundation in core areas such as communication systems, signal processing, embedded systems, and VLSI design. With a focus on both theoretical knowledge and practical application, the department is committed to preparing students to meet the dynamic challenges of the modern engineering world.

Over the past year, the department has actively encouraged students to participate in technical projects, research activities, workshops, and industry-oriented training programs. These initiatives have significantly contributed to enhancing students' analytical thinking, problem-solving abilities, and hands-on experience, ensuring they are well-equipped for future opportunities.

At our institution, we strongly believe in holistic development. Along with academic excellence, equal importance is given to innovation, leadership, and ethical values. Our dedicated faculty members continuously guide and inspire students to explore new ideas and push the boundaries of technology.

ELCOEF AURORA 2025–26 is a reflection of the creativity, knowledge, and achievements of our students and faculty. I congratulate everyone involved in bringing out this magazine and appreciate their efforts in showcasing the department's excellence.

"Striving for Excellence, Innovating for the Future."



THIRU.S.NANDAKUMAR PRADEEP
(JOINT MANAGING TRUSTEE)

JOINT MANAGING TRUSTEE'S MESSAGE :

It gives me great pleasure to address you through ELCOEF AURORA 2025-26, a platform that reflects the knowledge, creativity, and achievements of the Department of Electronics and Communication Engineering.

In today's rapidly evolving technological landscape, it is essential for students to go beyond textbooks and develop practical skills, innovative thinking, and adaptability. Our institution is committed to creating such an environment where students are encouraged to explore, experiment, and excel in their chosen fields.

The Department of Electronics and Communication Engineering has consistently demonstrated excellence through its focus on emerging technologies, industry collaboration, and student-centered learning. Various academic initiatives, technical events, and hands-on training programs have played a vital role in shaping students into competent professionals ready to meet global standards.

We strongly believe that education is not just about acquiring knowledge, but about building character, discipline, and a sense of responsibility. Our goal is to nurture individuals who are not only technically skilled but also capable of contributing positively to society.

I appreciate the efforts of the students and faculty members in bringing out this magazine, which serves as a testimony to their dedication and talent. I am confident that ELCOEF AURORA 2025-26 will inspire many young minds to strive for excellence.

"Learning Today, Leading Tomorrow."



THIRU.S.THIRUMOORTHY
(JOINT MANAGING TRUSTEE)

JOINT MANAGING TRUSTEE'S MESSAGE :

I am pleased to share my message through ELCOEF AURORA 2025–26, which serves as a valuable platform to showcase the academic spirit and innovative contributions of the Department of Electronics and Communication Engineering.

In the present era of rapid technological transformation, engineering education must evolve continuously to meet industry demands. Our institution strives to provide a progressive learning environment where students are encouraged to think critically, embrace new technologies, and develop practical expertise alongside theoretical knowledge.

The Electronics and Communication Engineering department has been actively promoting research, innovation, and skill-based learning. Through workshops, seminars, internships, and technical projects, students are given ample opportunities to enhance their capabilities and stay aligned with current technological trends.

We emphasize not only academic success but also the overall development of students by nurturing leadership qualities, teamwork, and ethical values. Such a balanced approach prepares them to face real-world challenges with confidence and responsibility.

I commend the dedicated efforts of the students and faculty members in bringing out this edition of ELCOEF AURORA. This magazine stands as a reflection of their commitment, creativity, and continuous pursuit of excellence.

“Innovate, Learn, and Grow.”



Dr.S.NANDAGOPAL
(*PRINCIPAL*)

PRINCIPAL'S MESSAGE :

It gives me immense pleasure to present ELCOEF AURORA 2025–26, the annual magazine of the Department of Electronics and Communication Engineering. This publication reflects the academic achievements, innovative ideas, and creative talents of our students and faculty.

In today's competitive and technology-driven world, the role of education extends beyond classroom learning. At our institution, we strive to create a dynamic academic environment that encourages critical thinking, problem-solving, and continuous learning. The Department of Electronics and Communication Engineering has consistently upheld high standards by integrating modern teaching methodologies with practical exposure.

Our students are actively involved in various academic and co-curricular activities such as technical symposiums, workshops, projects, and industry interactions. These experiences not only enhance their technical skills but also build confidence, leadership, and teamwork.

The dedication of our faculty members plays a vital role in guiding students towards excellence. Their commitment to teaching, research, and mentoring ensures that students are well-prepared to meet the challenges of the professional world.

I appreciate the sincere efforts of the students and faculty in bringing out this edition of ELCOEF AURORA. I am confident that this magazine will inspire and motivate readers to strive for greater achievements.

“Excellence in Education, Empowerment for Life.”



Dr.R.JAYANTHI
(HEAD OF THE DEPARTMENT)

HOD'S MESSAGE :

I am delighted to present ELCOEF AURORA 2025–26, the annual magazine of the Department of Electronics and Communication Engineering. This publication showcases the academic excellence, innovative thinking, and creative contributions of our students and faculty.

The field of Electronics and Communication Engineering is continuously evolving, driven by rapid advancements in technology. Our department is committed to equipping students with strong fundamentals, practical knowledge, and exposure to emerging domains such as embedded systems, communication networks, and VLSI design.

We emphasize a balanced approach to learning by integrating classroom teaching with hands-on experience through laboratories, projects, workshops, and industry interactions. Students are encouraged to participate in technical events, research activities, and collaborative initiatives that enhance their analytical and problem-solving skills.

Our dedicated faculty members play a crucial role in mentoring students and guiding them towards academic and professional success. Their continuous support and encouragement help students explore their potential and achieve excellence.

I appreciate the efforts of the editorial team, students, and faculty members in bringing out this edition of ELCOEF AURORA. I am confident that this magazine will serve as a source of inspiration and knowledge for all readers.

*“Empowering Innovation Through
Knowledge.”*

CHIEF PATRON

Dr.S.Arumugam,
CEO,Nandha Educational Institutions

PATRON

Dr.S.Nandagopal
Principal

CONVENER

Dr.R.Jayanthi
HoD/ECE

CHIEF EDITOR

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AP/ECE

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Mr.S.Kiruthivarma /III BE-ECE
Mr.M,Srihari /II BE-ECE
Mr.A.Dhivagar /II BE-ECE

DEPARTMENT OF ECE

VISION

To be a centre of excellence in the field of Electronics & Communication Engineering with Global standards of Academic and Research for the need of Society and Industry.

MISSION

To provide value based Communication Technology education and produce innovative, competent and high quality Electronics & Communication professionals for the growing demand of Society and Industry. To facilitate the students for the constant up gradation of Technical expertise and perform research activities to solve the real world problems.

PROGRAM SPECIFIC OUTCOMES

PSO1. Design, develop and analyze electronic systems through application of relevant electronics, mathematics engineering principles. and

PSO2. Design, develop and analyze communication systems. through application of fundamentals from communication principles, signal processing, and RF System Design & Electromagnetic.

PSO3. Adapt to emerging electronics and communication. technologies and develop innovative solutions for existing and newer problems

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1. To provide the students with a strong foundation in the required sciences in order to pursue studies in Electronics and Communication Engineering.

PEO2. To gain adequate knowledge to become good professional in electronic and communication engineering associated industries, higher education and research.

PEO3. To develop attitude in lifelong learning, applying and adapting new ideas and technologies as their field evolves.

PEO4. To prepare students to critically analyze existing literature in an area of specialization and ethically develop innovative and research oriented methodologies to solve the problems identified.

PEO5. To inculcate in the students a professional and ethical attitude and an ability to visualize the engineering issues in a broader social context

PROGRAMME OUTCOMES (POs)

PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development..

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PROGRAMME OUTCOMES (POs)

PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



SPORTS ACHIEVEMENTS

PROGRAMME OUTCOMES (POs)

PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



SPORTS ACHIEVEMENTS



YOGESHWARAN S

Our proud athlete S. Yogeshwaran (III Year ECE) won Silver in the 110m Hurdles at the CM Trophy 2025. The competition took place at VOC Stadium, Erode, on 9th September 2025. He competed under the College Men's Category and received a ₹2000 prize.

Our talented athlete S. Yogeshwaran (III Year ECE) earned Silver in the Long Jump at the CM Trophy 2025. The competition was held on 9th September 2025 at VOC Stadium, Erode. He competed under the College Men's Category and received a ₹2000 prize.





Hearty congratulations to S. Yogeshwaran, III Year ECE, for his outstanding performance in sports. He won Silver medals in both 110m Hurdles and Long Jump at the CM Trophy 2025. We are proud of your success and wish you many more achievements ahead!

S. Yogeshwaran Shines in Athletics! S.Yogeshwaran showcased his exceptional talent at the Anna University Zonal Level Sports Meet (Athletics) 2025 held at Kongu Engineering College, Perundurai. Competing in the Triple Jump event, he secured an impressive 2nd place. With this outstanding performance, he has been selected to represent the university at the Interzone Meet, which will be held at Kongu Nadu College.



"Talent, dedication, and perseverance leap beyond limits – S. Yogeshwaran proves that every jump counts!"

Haripranesh AG

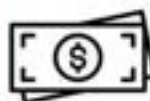


Congratulations to second-year ECE student A.G. Hariprenesh for his excellent performance at the CM Trophy cricket tournament (College Men category). His dedication resulted in a well-deserved Bronze Medal and a prize of ₹1000 from the event hosted by Nandha Engineering College and Erode Senguthar Engineering College on 28.08.25.

ACHIEVED



BRONZE MEDAL



1000 RS

"Champions are made in the Nets long before they shine on the field"



AG.HARIPRENEESH, a 2nd-year ECE student, won the Silver Medal in cricket at the Anna University Zone Tournament. This achievement highlights his excellent performance and dedication to achieve

ACHIEVED



SILVER MEDAL



WON TROPHY

PORTRAIT

Arts & Crafts



DHANUSH S

Stunning pencil sketches by Dhanush S (II Year ECE), capturing intense expressions and fine detailing that reflect focus, emotion, and artistic skill.



This is a striking black and white sketch of a woman's face. The artist uses hatching and cross-hatching to create dramatic shading and texture. Her pose is intense, with her fingers



Every stroke of art is a piece of the soul



This expressive pencil sketch captures a delicate moment between two individuals, highlighting a sense of emotional bonding and quiet understanding. The artist skillfully uses shading and fine line work to bring depth to facial expressions and textures, making the scene feel intimate and lifelike.



PORTRAIT

Arts & Crafts



Sri Hari M

II-YEAR-ECE

A passionate artist, Sri Hari M (II Year ECE) brings life to his pencil sketches, capturing intense expressions and fine detailing that reflect focus, emotion, and artistic skill.



Sibling Bond

A monochromatic pencil sketch of two children a boy and a girl in a close, affectionate pose. The artwork beautifully captures the love and connection between siblings. The realistic detailing, from their expressions to the texture.



“Art turns moments
into eternity”

Other Pencil Arts



Majestic Strength



Peacock Elegance



Divine Serenity and Traditional in Detail

PHOTOGRAPHY



Gunaseelan S

III-YEAR-ECE

*"Photography is the art of freezing
emotions in a single Frame"*



Serenity of Nature and flowing life



Perspective through depth and detail



A Perfect blend of sky, water and emotion

PHOTOGRAPHY



Karthika.T

II-YEAR-ECE

*"Photography is the art of
preserving time through vision and
emotion."*



PHOTOGRAPHY



Manisha M

II-YEAR-ECE

*"Every click is a blend of creativity,
perspective, and storytelling"*



CRAFTS

STITCHED WITH PATIENCE, CREATED WITH PASSION



Muthumeena M

III-YEAR-ECE

*"Delicate threads
woven into timeless beauty"*



Elegant handcrafted embroidery showcasing creativity, precision, and artistic excellence.



Poetry



written by

A.JAILANI
from II-ECE

கதை சொல்லவா

கதை சொல்லவா
குட்டி கதை சொல்லவா
வாடிய மலரின் மனதை
கதை சொல்லவா
அல்ல அது உயிர்த்தெழும் பிறப்பை
தான் கதை சொல்லவா
உற்சாகம் இழந்த மல்லியின்
கதை சொல்லவா
அல்ல அதன் துயரம் மறக்கச் செய்த
பூந்தோட்டத்தின் கதை சொல்லவா

உன் பாதையை தேர்வு செய்

மீன் போன்ற கண்களும்
கிளி போன்ற முக்கையும்
குயில் போன்ற குரலையும்
கொண்டவள் பெண்ணா? அல்ல
சுவர்மையான முளையும்
பயமற்ற மனதையும்
சக்தியின் மறுபிறவியாய்
இருப்பவள் பெண்ணா?
வலுவான தசையும்
முறுக்கு மீசையும்
கம்பீர நடையும்
கொண்டவன் ஆணா? அல்ல
திராவிடத்தை மனதிலும்
மண்ணின் பெருமையை தோலிலும்
தமிழை காக்கும் வேந்தனாய்
இருப்பவன் ஆணா?



POETRY



— written by —

A. JAILANI

II YEAR ECE

கதை சொல்லவா

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உற்சாகம் இழந்த மல்லியின்
கதை சொல்லவா
அல்ல அதன் துயரம் மறக்கச் செய்த
பூந்தோட்டத்தின் கதை சொல்லவா

உன் பாதையை தேர்வு செய்

மீன் போன்ற கண்களும்
கிளி போன்ற முக்கையும்
குயில் போன்ற குரலையும்
கொண்டவள் பெண்ணா?
அல்ல கூர்மையான முளையும்
பயமற்ற மனதையும்
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திராவிடத்தை மனதிலும்
மண்ணின்
பெருமையை தோலிலும்
தமிழை காக்கும் வேந்தனாய்
இருப்பவன் ஆணா?



ரோஜாவிிற்கும் அவனுக்கும் ஒரு
ஒற்றுமை உண்டு;

ரோஜாவை கையறிய நினைத்தேன் முற்களோ கைகளை தாக்குதே !!
உன் மனதை நான் அறிய நினைத்தேன் உன் பேச்சோ மனதை சாய்க்குதே !!
கையறிந்த மலரை தலையில் சூட அதன் அழகோ ஊரை தூக்குதே !!
உன் மனதை ஆழ நினைத்து
நான் அறிந்த உன் மனதின் அழகோ என்னை வீழ்த்துதே !!



மழையில் நனைய நான் இருக்கிறேன்
ஆனால் அதை ரசிக்க நீ இல்லையே...
மழை சாய்வாக பொழிகிறதோ இல்லையோ,
ஆனால் உன் மனதோரம் நான் சாரலாக இருக்கிறேன்...
அதுவே மழையில் நனைந்த சுகத்தை தருகிறது...
நான் மழையில் நனைந்து ஜீரம் வருகிறதோ இல்லையோ,
ஆனால் உன் பொய்யான மெய் பேச்சில்
நான் நனைந்து மையாக கரைகிறேனே...
என் எழுத்துக்களின் அரசனாவனே... ✨



written by
R.S.Sivaranjani

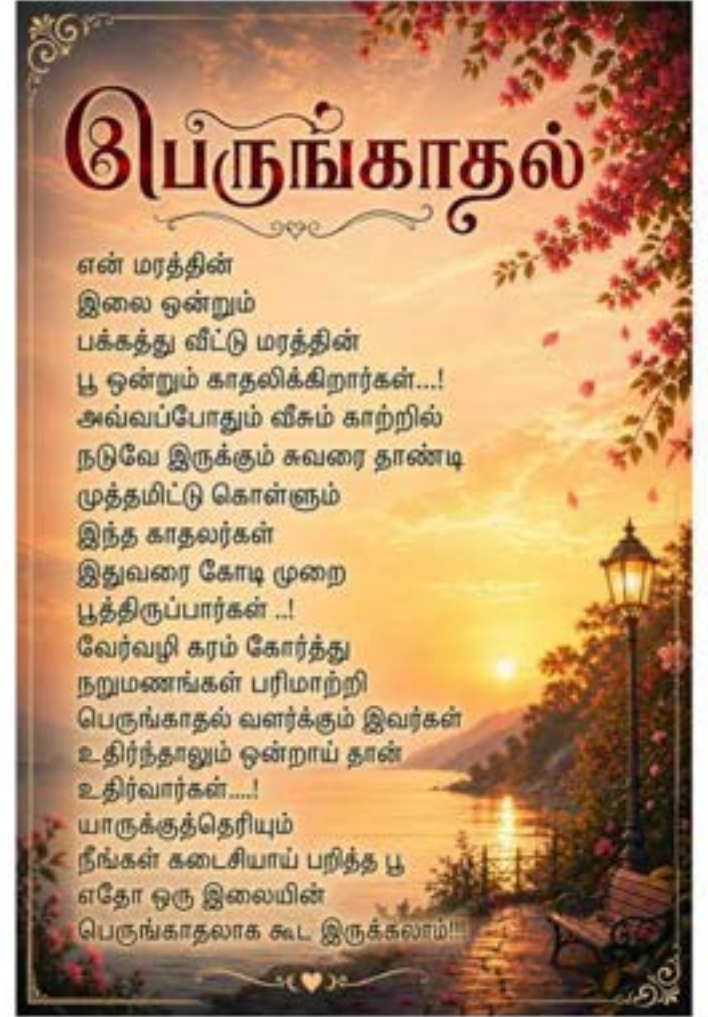


கவிதை: நினைவின் நிழல் 🌀❤️
நினைவுகள் வந்தாலும் நான் தளரவில்லை 🧑
நீ தூரம் சென்றாலும் நான் மாறவில்லை ❤️
நீ எடுத்த வழி உன் நிம்மதிக்காக 🧐
அதை நான் ஏற்றேன் என் காதலுக்காக ❤️
கனவுகள் உடைந்தாலும் நம்பிக்கை உடையாது 💎
நேரம் மாறினாலும் உணர்வு குறையாது 🧐
உன் வாழ்வு ஒளியாய் உயர்ந்து மலரட்டும் ❤️
உன் பாதை வெற்றியால் நிரம்பி நிறையட்டும் ❤️
நான் காத்திருப்பது ஒரு பலவீனம் அல்ல 🌀
அது என் உணர்வின் வலிமைதான் அல்லவா... ❤️
நீ திரும்பி பார்க்கும் நாள் வந்தாலே 🧑
நான் அதே இடத்தில் இருப்பேன் மாறாமலே ❤️
நீ சந்தோஷம் அடைந்தால் அது போதும் ❤️
அதில் நான் இல்லையென்றாலும் என் மனம் நிம்மதி காணும்... 💎❤️

written by

P.K.Iniyan





written by
Lokeswari.K



HACKTHON

HACKINDIA 2026



They are holding a large
certificate or prize board that
mentions "HackIndia 2026" and
a cash prize of ₹5000



INTERNSHIP



The student of L. Deepak II year giving an short term internship in AYIRAM-R3 private company

During the internship, the intern works under the guidance of a mentor who helps in learning and completing tasks.

- . The intern gains practical knowledge of industry practices, participates in technical discussions to improve understanding, and documents their learning through reports or notes. This helps in developing skills and tracking progress.



DEEPAK. L
Student Intern
D.O.B: 11/09/2007
Date of joining : 01/04/2026

Ranjitha
Director

Head office Address
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🌐 Ayiram-R3.com

INTERNSHIP



The student of B. Yaswant II year giving an short term internship in AYIRAM-R3 private company

During the internship, the intern works under the guidance of a mentor who helps in learning and completing tasks.

. The intern gains practical knowledge of industry practices, participates in technical discussions to improve understanding, and documents their learning through reports or notes. This helps in developing skills and tracking progress.

2025

Ar3

Reclaim
Refine Renew

Ayiram-R3

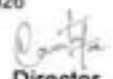


YASWANT.B

Student Intern

D.O.B: 29/09/2006

Date of joining : 01/04/2026


 Director

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INTERNSHIP



The student of D. Akila II year giving an short term internship in AYIRAM-R3 private company

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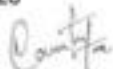
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AKILA D
Student Intern
 D.O.B: 04/12/2006
 Date of joining : 01/04/2026


Director

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 Erode - 638 052, Tamil Nadu, India.

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INTERNSHIP



The student of R. Nikshitha II year giving an short term internship in AYIRAM-R3 private company

During the internship, the intern works under the guidance of a mentor who helps in learning and completing tasks.

2025
Ar3
Reclaim
Refine Renew

Ayiram-R3

NIKSHITHA R
Student Intern
D.O.B: 31/05/2007
Date of joining : 01/04/2026

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EVENTS & PROGRAMS

Technical Symposium - Techspurts



The Department of Electronics and Communication Engineering at Nandha College of Technology proudly organized TECHSPURTS 2025, a grand inter-collegiate technical symposium that celebrated creativity, technology, and innovation.

TECHSPURTS featured a wide range of technical and non-technical events, including paper presentations, project expos, quiz contests, idea pitching, and many more fun-filled activities. Each event was designed to inspire learning, teamwork, and competitive spirit among participants.



The symposium provided a perfect platform for young technocrats to exchange ideas, explore emerging technologies, and network with like-minded peers. The energy and enthusiasm of participants made TECHSPURTS a memorable and impactful event, reflecting the spirit of innovation and excellence that defines Nandha College of Technology.

TECHNICAL & NON TECHNICAL EVENTS

- Slide Desk
- Workshop
- innovation ignition
- Mind Spark
- Mingle Bingo

- Time crunch
- IPL Auction
- Prompt Text
- Crack the Music
- Field of Battles



Innovation Ignition was a platform for budding innovators to showcase their creative and technical skills through real-time projects. Participants presented groundbreaking ideas and working models that aimed to solve real-world problems with modern technology. The event encouraged innovation, teamwork, and research-oriented thinking among students.

Slide Desk provided an opportunity for students to present their research papers on emerging technologies and futuristic trends. Participants demonstrated their communication, presentation, and analytical skills while sharing innovative insights. The event promoted technical literacy and gave students a stage to express their ideas before an expert panel and peers.





Mind Spark tested the participants' technical knowledge, logical reasoning, and quick-thinking abilities. The quiz covered a wide range of topics from core engineering concepts to current advancements in science and technology. With intense rounds and exciting competition, Mind Spark truly sparked curiosity and enthusiasm among all attendees.



NANDHA
COLLEGE OF TECHNOLOGY
(Autonomous)

DEPARTMENT OF
**Electronics and Communication
Engineering**

Organized

**15th National Level
Technical Symposium**



The Workshop on Design and thinking session offered students practical exposure to emerging tools and technologies through expert-led training. It helped participants bridge the gap between theoretical knowledge and industrial application. Interactive sessions and real-time demonstrations made the workshop both informative and engaging, equipping students with valuable technical skills.

Held on 24/10/2025
on Nandha College of Technology
Tech Campus
Organized by Department of Electronics and
Communication Engineering

INDUSTRIAL VISIT AND SEMINARS



The students of [Your Department Name], Nandha College of Technology, had the opportunity to visit Keltron (Kerala State Electronics Development Corporation Limited), Trivandrum, as part of their industrial exposure program. The visit provided an insightful experience into the world of advanced electronics manufacturing and system integration.

During the visit, students explored various departments of Keltron, including Electronics Production, Research & Development, Testing, and Quality Control units. The professionals at Keltron explained the end-to-end process of designing and developing electronic products ranging from defense equipment and automation systems to consumer and industrial electronics.



The Department of Electronics and Communication Engineering of Nandha College of Technology organized an Industrial Seminar on IoT and Embedded Systems.

Experts from the industry shared insights on the latest trends in IoT, microcontrollers, and smart automation.

Students gained practical knowledge about real-time applications and emerging technologies in connected systems.

The session enriched their technical skills and inspired innovation in the field of electronics and communication.

SHORT STORIES

THE CHARACTER NO ONE KNOWS

→ A Journey From Silence to Friendship

In every classroom, there's always one quiet corner – a seat where a shy boy sits alone, unseen, unheard, unnoticed.

Our hero was that boy.

He entered college silently... and left the same way.

Most didn't even know his name.

Back in school, he only had one close friend – Styno.

He believed college would be colourful and full of friendships... but the first week shattered that dream.

No friends.

No connection.

Only disappointment.

> "Life surprises you when you least expect it."

THE FIRST RAY OF LIGHT

One day, he met a student.

A simple conversation gave him hope – maybe this would be his "forever friend."

But life had bigger plans...

Not one friend.

A whole group.

Within a month, something beautiful happened –

He became part of a funny, lively, lovable circle of friends.

Not a gang...

Just pure friendship.

He even had a funny habit:

Whenever he admired someone, he copied their best qualities – what he called his "cheap copying technique." 😊

THE CHARACTERS WHO SHAPED HIM

The Disciplined One 🙏

Calm. Respected. Consistent.

He called the hero daily and studied with him for years.

From him, the boy copied discipline & dignity.

> "Let your routine speak louder than your words."

The Same Vibed Friend

Just like him – quiet at first, chaos later.
With him, the hero was the happiest.
No copying needed – they were mirrors of each other.

The Caring Comedian

One look = instant laughter.
Caring, funny, full of energy.
He copied his smile & positivity (but not the oversharing).

The Class Entertainer

Not naturally funny... yet made everyone laugh.
From him, the hero copied the joy of making others happy.

The Leader

Famous, kind, ego-less, friendly to all.
From him, the hero copied confidence & how to talk to people skills.
and how to make everyone as friends

The Teacher-Friend

The heart of the group.
A mentor in disguise – sometimes like a monk, sometimes like a drunk philosopher
😊
From him, he copied wisdom, dedication & creativity.

The Technical Genius

Funny, energetic, and a beast when it came to electronics.
From him, the hero copied passion & curiosity.

And now... the hero talks to everyone.
Many people shape him.
Many characters define him.
And beyond the original seven, he has found countless more friends.

🌱 A NEW BEGINNING

Now in 3rd year –
He laughs more, speaks more, lives more.
It feels like a fresh chapter...
A brighter version of himself.

THE FINAL LESSON

The boy who once walked alone now walks with many pillars beside him.

He entered college with no confidence...
And today, he carries the strength, smiles, and lessons of every friend he met.

> "You don't grow alone.
You grow with the people who enter your life."

A boy who once whispered now speaks.
A boy who once sat alone now laughs loudly.
A boy who had no friends...
now has a family. ❤️

And sometimes...
copying the right characters helps you
discover your own ✨

written by
Sanjai krishna K
from III-ECE



PLACEMENTS

ACHIEVEMENTS

	JAYARAMJI J gotplacedin ARRAA ENERGY (3LPA) package
	MEHASDHANISH T 2023-2026 BATCH gotplacedin ARRAA ENERGY (3LPA) package
	NATHISH 2023-2026 BATCH gotplacedin ARRAA ENERGY (3LPA) package
	VISHAL D 2023-2026 BATCH gotplacedin ARRAA ENERGY (3LPA) package
	RAVI KUMAR B gotplacedin ARRAA ENERGY (3LPA) package
	ABINITH KS gotplacedin ARRAA ENERGY (3LPA) package
	PAVITHRA.A gotplacedin KGIS (3LPA) package

QUIZ CORNER

1. The modulation technique most resistant to noise is –

- A) AM
- B) FM
- C) ASK
- D) PSK

→ Answer: B

2. In a microprocessor, the control unit –

- A) Performs arithmetic operations
- B) Controls the flow of data and instructions
- C) Stores data temporarily
- D) Converts analog signals to digital

→ Answer: B

3. In optical fiber communication, the signal loss due to scattering is mainly because of –

- A) Rayleigh scattering
- B) Fresnel reflection
- C) Chromatic dispersion
- D) Polarization mode dispersion

→ Answer: A

4. The phenomenon of “aliasing” occurs when –

- A) Sampling frequency is less than twice the signal frequency
- B) Signal amplitude is too high
- C) Quantization levels are increased
- D) Noise is present in the system

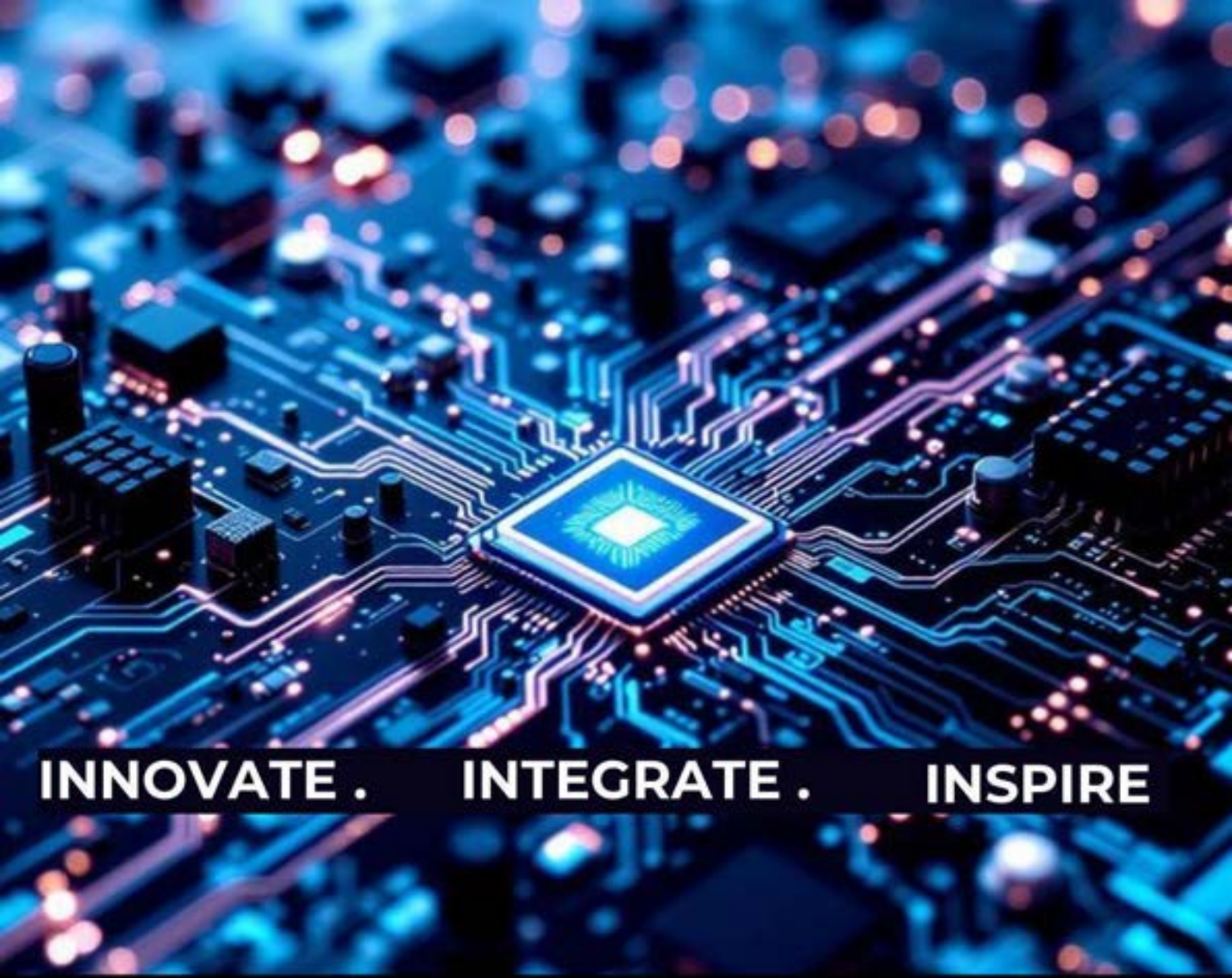
→ Answer: A

5. In a communication system, the purpose of the demodulator is –

- A) To amplify the signal
- B) To extract the original message signal
- C) To mix two signals
- D) To suppress noise

→ Answer: B

BY
SANJAI
KRISHNA K



INNOVATE . INTEGRATE . INSPIRE

The Editorial commitee
Magazine created by

Sanjai krishna K
Kiruthivarma S

