



# Indra Ganesan

★ COLLEGE OF ENGINEERING ★

(AN AUTONOMOUS INSTITUTION)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
NAAC Accredited, 2 (f) & 12 (B) Status Institution by UGC

**IG Valley (Near New Integrated Bus Terminal), Manikandam, Tiruchirappalli - 620 012**

# Annual Report 2024



Indra Ganesan College of Engineering has been granted autonomous status effective from 29th September 2024, marking one of the most significant milestones in the institution's history.





## SELF STUDY REPORT (SSR) OF NAAC: A JOURNEY TOWARDS EXCELLENCE

The National Assessment and Accreditation Council (NAAC), an autonomous body established by the University Grants Commission (UGC), plays a crucial role in assessing and accrediting higher education institutions across India. NAAC accreditation signifies that an institution meets established standards of quality in areas such as infrastructure, teaching, research, and overall performance. For an engineering college, NAAC accreditation is not merely a prestigious recognition but a reflection of its unwavering commitment to excellence in technical education.

In this context, we provide an overview of the Self Study Report (SSR) prepared by Indra Ganesan College of Engineering (IGCE) for the NAAC accreditation process. The SSR, submitted on 29th March 2024, aimed to offer a thorough self-assessment of IGCE's performance based on the criteria set by NAAC. It serves as a critical tool for identifying the institution's strengths, weaknesses, opportunities, and challenges, and provides a foundation for the external peer review conducted by NAAC assessors.

The SSR is divided into two key sections: the executive summary and the criteria-wise analysis. The executive summary encapsulates IGCE's mission, vision, and major accomplishments, offering a concise overview of the institution. Following the NAAC Peer Team's visit, IGCE was initially awarded a B++ grade accreditation status. However, our institution, with determination and continuous improvements, reapplied for an A grade. In 2025, we are proud to announce that IGCE successfully achieved the coveted A grade accreditation status, further solidifying our commitment to delivering high-quality education.

### NAAC (National Assessment and Accreditation Council) Visit

A peer team report for an NAAC (National Assessment and Accreditation Council) visit for an institution that occurred on 17th and 18th October 2024. The NAAC peer team assesses the quality of an institution based on various criteria like curriculum, teaching-learning process, research, infrastructure, student support, etc. The peer team's findings are then compiled into a report that includes strengths, weaknesses, and recommendations.

**Institutional Overview:** An introductory section about the institution, including its vision, mission, and goals. **Criteria-wise Evaluation:** NAAC evaluates institutions based on multiple criteria, typically around seven key areas. **Outcome:** Based on the report, NAAC assigns an accreditation grade (A, B, C, etc.), which helps the institution in terms of funding, recognition, and improving quality standards.









# IGNITE and Founder's Day

## Great things in business are never done by one person



Founders Day, celebrated on April 26, 2024, was a day filled with joy, pride, and a deep sense of history. The IGicians came together to honor the legacy of the majestic and visionary Sri. T. Ganesan. It was not just a celebration but also a moment of commitment and assurance to uphold the founder's vision. The event, IGNITE 2024, began with great enthusiasm and energy on the IG campus. The festivities commenced with our founder hoisting the Institution Flag, followed by the ceremonial lighting of the lamp by the dignitaries.



## Faculty Day

The Faculty Day celebration on April 30, 2024, was truly memorable, organized by our Management Secretary. In his inspiring speech, he highlighted Indra Ganesan's achievements and expressed his deep love for the institution. His respectful and inclusive approach in honoring the faculty created a feel-good experience for everyone.





## 6<sup>th</sup> International Conference



Indra Ganesan College of Engineering proudly organized 6th International Conference on 22/02/2024, in the presence of guest of honour Dr. M. Selvam Vice Chancellor, Bharathidasan University, Who speaks Indra Ganesan College of Engineering stands first in providing quality and value based education and promoting research and development, and he released the conference proceeding and the same was received by secretary and director of our institutions. We received 400 research papers from various countries, states and districts. Director and Coordinator of Nano Research Centre Professor Dr. Fabian I Ezema of Nigeria shared his views.



## Institute Innovation Council



The Institute Innovation Council meeting was held on 26.06.2024. Dr. R. Bharath Kumar Coordinator of IIC discussed the activities to be conducted for upcoming year. The conduction of the events should be in following categories of IIC Calendar activity.

The status of IIC in last semester was recorded by Dr. C. Soundar Rajan, and the same is applied for Impact Lecture Scheme and waiting for approval. Dr. R. Bharath Kumar and Mrs.T.Sugashini applied for Basic Innovation Ambassador and we had uploaded 8 MOU in I&E Collaborations in IIC website.



## Internal Quality Assessment Cell



The 9<sup>th</sup> IQAC Meeting held on Saturday 29<sup>th</sup> June 2024, at Indra Ganesan College of Engineering, Board Room by 2.00 pm. Dr.G.Balakrishnan, The Director/Principal, Syndicate member of Anna University, Govt. of India, Tamilnadu, Dr.S.Karthikeyan, Vice Principal, Dr.M.Anusuya, Registrar, Dr.M.Santhi, IQAC Coordinator, Mr. Sooriyaoli, Alumni, MD, Blue fire Xperts Info Tech OPC Pvt Ltd, Ms. M. Pavitra, GM, Acoustics Pvt Ltd, Trichy, All Head of the Departments, Parents and Students of various departments have participated.

## Academic Planning and Monitoring



The Academic Planning and Monitoring Meeting held on Saturday 13<sup>th</sup> July 2024, at Indra Ganesan College of Engineering Board room. The meeting was started by 10.30 am. The resource persons Dr. T. Senthil Kumar, Dean, Anna University, Trichy, Dr. G. Sai Narayanan, Head, HCL Technology, Chennai and Dr. S. Lokesh, Associate Professor of CSE, PSG Institute of Technology and Applied research, Coimbatore, Dr. M. Santhi, IQAC Coordinator and all heads of all departments were attended the meeting. Dr. S. Karthikeyan, Vice Principal/Academics, IGCE is presented the progress the college from the last Academic Planning and Monitoring Meeting held on 15.07.2023 to till date.



## Department of Mechanical Engineering

MoUs Sighed with BHEL, VEESONS Engineering Pvt. Ltd. and Marcello Technology





### Department of Agricultural Engineering

The meeting of the Board of Studies for the Department of Agricultural Engineering, on November 8<sup>th</sup> 2024, at 10.30 a.m. was conducted in the Board room. To pass UG: B.Tech.- Agricultural Engineering Curriculum from I to VIII Semesters. To pass UG: B.Tech Agricultural Engineering Syllabi for II Semester 24AG201 - Crop Production Technology.



### Department of Information Technology



The meeting of the Under Graduate of Board of Studies for the Department of Information Technology on 06.11.2024. The meeting was conducted in the Board Room. The Board of Studies Chairman, Dr. P. Subha Rajam, Professor & HoD / IT, Indra Ganesan College of Engineering, Trichy, Anna University Nominee, Dr. M. Suguna, Associate Professor / IT, Thiagarajar College of Engineering Madurai.

### Department of Artificial Intelligence and Data Science

The Department of Artificial Intelligence and Data Science successfully conducted the Board of Studies meeting on 06.11.2024 to review and update the curriculum, syllabi and academic practices. The BoS meeting aimed to ensure that our academic framework aligns with current industry standards and the needs of the AI and data Science sectors.





### Department of Mechanical Engineering



The meeting was conducted in the Department of Mechanical Engineering. The discussed and decisions were made regarding the curriculum structure and regulations for the B.E. -

Mechanical Engineering program for students admitted in the academic year 2024-25.

### Department of Electronics and Communication Engineering

The meeting of the UG Board of Studies for the Department of Electronics and Communication Engineering and PG Board of Studies for the Department of ME - VLSI Design Conducted on November 6th, 2024. The Chairman of the Board of Studies in the Electronics and Communication Engineering welcomed the board members and thanked them for dedicating their valuable time to enhance the academic excellence of the department.



### Department of Computer Science and Engineering



The Department of Computer Science and Engineering conducted its First Board of Studies (BOS) meeting on 07.11.2024 at Board Room, IGCE. The meeting commenced with a presentation by

Prof. T. Sugashini, Assistant Professor and Head, Department of Computer Science and Engineering. The meeting was graced by esteemed expert members, including: The Anna University nominee Dr. M. Suguna, Associate Professor and Department of Information Technology Thiagarajar College of Engineering Madurai.



### Faculty Development Program

The Faculty Development Program (FDP) on 15.06.2024, IGCE faculty members attended on "Transformative Mentoring: Strategies for Student Success" was conducted to equip engineering faculty members with effective mentoring strategies aimed at enhancing student success. The session was led by Dr. V. Bastin Jerome, an esteemed expert in the field of educational mentoring and development.



### Faculty Development Program (FDP) on Framework of Autonomous System

The faculty development program on "Framework of Autonomous System" has been conducted by Internal Quality Assurance Cell (IQAC) in association with the department of Artificial Intelligence and Data Science on 20th July 2024. The resource person is Dr.R.Bharani Kumar Ph.D, Head-Skill Development & Innovative Practices, Bannari Amman Institute of Technology, Coimbatore. Dr.G.Balakrishnan, The Principal/IGCE, Dr.S.Karthikeyan, The VP/IGCE, Dr.M.Santhi, IQAC Coordinator, Prof.A.Ramya, HOD /AIDS and other departments HODs are the participants of the program.





### Faculty Development Program

Faculty Development Programme (FDP) was organized by Indra Ganesan College of Engineering in joint venture with ICT Academy. The FDP was organized for five days i.e., from July 22.7.2024 to 26.7.2024. About 30 faculty members are actively participated (External participants 15 and internal participants 15) and gathered knowledge about POWER BI.



### Smart India Hackathon 2024



As part of the preparations for the Smart India Hackathon 2024, an internal hackathon was conducted at Indra Ganesan College of Engineering, on 31.08.2024 in the board room of engineering block. The event saw the participation of 15 teams with each team comprising of 6 members. The teams represented various departments and showcased ideas across diverse domains such as Internet of Things (IOT), Machine Learning, deep learning, disaster management, agriculture & healthcare.

### Department of Mechanical Engineering

Dr. M. Santhi, a Professor in the Department of Mechanical Engineering, participated in a Six days hybrid workshop sponsored by ANRF-SERB, focusing on "Manufacturing and Characterization of Advanced Materials for Health Care and Defence Applications". The event took place from November 18<sup>th</sup> to 23<sup>rd</sup>, 2024, and was organized by the Department of Production Engineering at the National Institute of Technology, Tiruchirappalli, Tamil Nadu, India.





## Annual Day 2024

Indra Ganesan college of Engineering proudly celebrated its Annual Day on 04.05.2024 our Chief Guest is our Alumni Er.M.Mahendran, State Bank of India, honored by our Management for his tremendous and hazardous journey to reach this paradigm. All the achievers in both academic and sports are honored by awards. Dr.G.Balakrishnan, Director and Principal delivered felicitation come Annual report of the academic year and he asks the student to play an active role in all the field and he speaks the quality of an Engineer and he ask students to bring laurels to the institution as a Engineer he says the students "Engineers are like water" they can adopt any field and through his speech he motivated the students.



## Research and Development

Research and Development (R&D) meetings are held twice a month. These meetings primarily focus on enhancing faculty members' innovative research skills, promoting paper publications, preparing research proposals, securing grants, and fostering overall institutional development. Below are tabular columns and key statistics detailing the research activities conducted in 2024.



Proposal		Journal papers		Patent		Book/Book Chapter		Conference Proceeding	
Submitted	Granted	Published in (SCI)	Published in (Scopus)	Published	Granted	Book Published	Book Chapter	Submitted	Published
77	1 (UBA)	9	27	7	2	3	6	3	3



### C4i4 Factory Visit

On 23.04.2024, Dr.T Thyagarajan, Vice Pro Chancellor of VIT, Chennai visited C4i4 laboratory by 10:30am .Our Secretary Er.Rajasekaran & Director Dr.G.Balakrishnan welcomed the guest for C4i4 factory. Our faculties who had hands-on training in c4i4 explained the 5 phase working area and the guest of honour actively took part in each and every phase and Vice Pro Chancellor accumulates the process on the whole and also provide his valuable input in this regime.



### The C4i4 Laboratory



The C4i4 laboratory launched in Indra Ganesan College of Engineering, Trichy in the presence of C4i4, Pune Directors Mr.Dattatraya Navalgundkar and Mr.Rajendra Deshpande, in the honorable Chief Guest Mr.Sundaravinayagam Sivashanmugam, Rtrd. Joint Registrar, IIT Madras and Dr. Manjith Lad, Assistant Manager, NRDC Outreach Centre, Pune. The Director of C4i4 Mr.Rajendra Deshpande cherished by inaugurating this I factory and he explains the 1.0, 0.2, 0.3, 0.4 to everyone and its importance. He also explains the integration of system in 4.0 like network, IOT& Physical system. He speaks about the manufacturing excellence and quality- when machine to machine work 100% quality is achieved, time management can be maintained.



### Industrialist Participated in the meet

In the meet 51 members from various industries participated and interacted to the C4i4 Director and clarified their queries.

Few listed

1. Bridge Bharat, N . Selva kumar , CEO Defence Projects, Tanjore
2. .J,Velmurugan Heavy Industries (Pvt.ltd), Jayashankar,Deputy Manager
3. Anand Engineering Products (pvt.ltd),Ahoke Ramanathan,Director.
4. High Energy Projectile factory,Nagarajan,Junior work manager.
5. Acoustics India (Pvt.ltd),Aravindhnan,Deputy Manager.
6. Liviya Polymer Product (Pvt.ltd),F.Stalin,Assistant Manager.
7. Egston Electrics int (pvt.ltd),Anbarasu,Maintenance Manager.



### Industrialist Participated in the meet

The Skill Development Program for the Students from various schools is arranged by Indra Ganesan Instructions. The program was started by 9.30 a.m. Initially the audio video presentation was done by Mr.R.Ramesh Babu, HOD/Mechanical Engineering presented about C4i4 laboratory of Indra Ganesan College of Engineering.



### Industry 4.0 Seminar at Indra Ganesan College of Engineering



The seminar on Industry 4.0 was conducted at Indra Ganesan College of Engineering with the objective of educating students and faculty about the advancements in manufacturing technologies, particularly focusing on the transition from traditional automated systems to smart factories. The event aimed to provide insights into the evolving landscape of industrial technologies, including automation, IoT, AI, and data-driven decision-making that characterizes Industry 4.0.



## Inauguration of E-Vehicle Lab



On 10th January 2024, Dr. V. Balasubramanian, Director of the Center for Materials Joining and Research, Annamalai University, Chidambaram, inaugurated the newly established e-vehicle lab at our college. This state-of-the-art facility was implemented in collaboration with TVS to advance research and development in electric vehicles. Following the inauguration, Dr. Balasubramanian visited the C4i4 laboratory on our campus. He was warmly welcomed by our Secretary, Er. Rajasekaran, and our Director, Dr. G. Balakrishnan. During the visit, our faculty members, who have received hands-on training in the C4i4 lab, provided an insightful demonstration of the five-phase working area. Dr. Balasubramanian actively engaged in each phase, contributing his expertise and observations.

## SEED Lab

IGCE started SEED lab training to 1<sup>st</sup> and 2<sup>nd</sup> year students in the domains on 28.02.2024 to 12.03.2024. An Intra - disciplinary lab in these students are focused to learn and experience learning in more than one discipline and can choose specialization and work in this integrated lab and can improve their skill and this platform is provided by our institution to the students through SEED lab.

1. Software coding | 2. Electronics | 3. PLC
4. Robotics & AI | 5. Networking | 6. Carpentry





## Voting Awareness Program



On 08.04.2024 IGCE in association with RRC organized an awareness programme and Tiruchirapalli Collector Mr.P.Predeepkumar, IAS, addressed the students and students were standing in the in the position of 100% logo designed for 2024 election, then collector oration on importance of voting spreads awareness among students and after this interaction section between students and collector in which students questions are answered and doubts are cleared followed by it 100% signature for voting campaign conducted in which all in the campus enthusiastically participated and signature then as revolt to spread awareness students gone for bike rally from Indra Ganesan institution to Trichy city.

## World Drug Day

Youth Red Cross (YRC) Club of Indra Ganesan College of Engineering in association with RRC, NSS and IQAC a rally was conducted in the title "SAY NO TO DRUGS" on 26.06.2024 from SP office to Aavin Milk farm.

On this special day the participants were our Honorable Secretary Er. G. Rajasekaran, Beloved Principal / Director Dr.G.Balakrishnan, Respected Vice-Principal Dr. S. Karthikeyan and IGCE students.





## Republic Day Celebration

Indra Ganesan Educational Institutions celebrated the 75<sup>th</sup> Republic Day in the campus by organizing various programmes in order honour our nation and Dr.Jaikish.S,M.D, Atlas Hospital the chief guest of the ceremony who addressed the gatherings. His message is thought provoking to youth, to become better citizen who strive hard to build our great nation. In march-past among institutions first place goes to Engineering.



## Pongal Celebration

Indra Ganesan College of Engineering celebrated Pongal on 12.01.2024 in which various events organized for faculty, students and all participated eagerly and enjoyed and the occasion was traditionally arranged.



## National Science Day

Indra Ganesan college of Engineering conducted National Science Day on 29/02/24. The Guest of honour Dr. John Irudhayaraj, Associate Professor, Department of Physics, St. Joseph's College, Tiruchirappalli, who speaks about Environment on 3R's. Dr. I. Vedha potheher, Assistant Professor of Physics, Anna University, BIT Campus, Tiruchirappalli, he speaks Role of Science in Technological Applications.





## International Workshop on Yoga



International Workshop on Yoga for Physical Happiness and Mental Happiness - Held at Indra Ganesan College of Engineering on 06.03.2024. Our Management Committee organized the event to strengthen the youngsters both physically and mentally. The guest of Honour Dr.K.Ketheeswaran, Senior Lecturer Grade I, Sports, Science Unit, University of Jaffna delivered keynote address in which he encourages the students to take part in sports and yoga, which helps them to lead happy and healthy life and nearly 500 students attend the yoga session.

## The International Women's Day

The International Women's Day was celebrated at Indra Ganesan College of Engineering on 13.3.2024. The purpose of celebrating Women's Day is - To raise awareness about the status and dignity of women among the students. The resource person was Dr Shamila, BASLP, Founder of Rapha Care Clinic Sr. Azarias Arockia Mary Selvi / Director / ASSIT. Our Guest gave a speech to create awareness of gender equality for a healthy society.



## 78<sup>th</sup> Independence Day Celebration

The 78<sup>th</sup> Independence Day of India was celebrated with great enthusiasm at Indra Ganesan Educational Institutions on August 15, 2024. Er. G. Rajasekaran, Secretary of the college, presided over the event and shared enlightening thoughts, while Dr. G. Balakrishnan, Director of Indra Ganesan Educational Institutions, facilitated the program. Dr. K. Saravanan, Managing Director of Saravana Hospital, Trichy Thiruvanaikovil, had hoisted the national flag and delivered a motivational speech.





## 7<sup>th</sup> International Naturopathy Day - 2024



The auspicious occasion of 7<sup>th</sup> International Naturopathy Day was celebrated on 18th and 19th November 2024 at Indra Ganesan College of Engineering. This day is observed annually to raise awareness about the benefits of naturopathy, which is a form of alternative medicine that focuses on the body's innate ability to heal itself through natural remedies such as diet, exercise, herbal medicine, and other non-invasive treatments.

## National Constitution Day Celebration



Indra Ganesan College of Engineering (IGCE) organized a celebration of "National Constitution Day" on November 26, 2024, in association with the Department of Science and Humanities. The program commenced with a pledge by all YRC volunteers, who collectively recited the Preamble of the Constitution of India, led by the Chief Guest, Advocate Tmt. R. Sridevi. Advocate R. Sridevi addressed the attendees, highlighting the efforts involved in drafting the Indian Constitution and underscoring the relevance of celebrating "National Constitution Day".

## Kuthuvizhaku Pooja



To the students who participated with enthusiasm and devotion, your involvement brought vibrant energy and spirituality to the celebration. Your efforts in preparing and organizing the items, and your active participation, were pivotal in making the event a grand success.

Together, we have once again demonstrated the strength of our community and our shared commitment to preserving and celebrating our rich cultural heritage. Let us continue to foster this spirit of unity and devotion in all our future endeavors.



## Navaratri Celebration



Indra Ganesan College of Engineering (IGCE) is pleased to announce the celebration of Navaratri 2024, one of the most anticipated and vibrant festivals in the Indian cultural calendar. A traditional Garba and Dandiya Day, where students, faculty, and staff can participate in vibrant dance performances. The campus will be beautifully adorned with traditional decorations and lights, setting the perfect atmosphere for the festival. Daily prayers and spiritual discourses to honour the Goddess and seek blessings for success and prosperity.

## Pooja Celebration



Indra Ganesan College of Engineering (IGCE) cordially invites all students, faculty, and staff to join in the Pooja Celebration 2024, a special spiritual and cultural event dedicated to seeking blessings for wisdom, prosperity, and success. As part of our tradition and commitment to fostering spiritual growth alongside academic excellence, we will come together to perform a Sacred Pooja, invoking divine blessings for the well-being and success of the entire IGCE family.



## Naan Mudhalvan Team



Naan Mudhalvan Team recognizes and honors the 2024 passed-out students who have achieved high CTC placements with reputable companies, and the Offer letters were issued by our Honorable Minister Udhayanidhi Stalin, Minister K. N Nehru, Minister Anbil Magesh and Naan Mudhalvan Team's on July 31st at Kalaiarangam, Trichy. Our Students

Ayisha, Benasir, Kamali, Kiruthiga, and Yuvaraj of the CSE Department have received the Offer Letter from the Ministers and Naan Mudhalvan Team.

## Student Achievement Appreciation



III ECE students Dhanalakshmi and Velammal are participated in Sri Sakthi Engineering College Symposium at Coimbatore and got II Prize in Paper Presentation Event



III ECE students are participated in paper presentation in Symposium at JJ College of Engineering, Trichy



III ECE student Nisha got IIInd prize in District level Speech competition (Perarignar Anna Birthday Event) held at Bishop Heber higher Secondary school, Trichy



IV ECE Student S. Deepalakshmi got NPTEL Course Certificate in Digital Circuits



## Department of Electronics Communication Engineering



M.Nisha II year ECE won I prize on paper presentation (National Level Symposium) at Government college of Engineering, Srirangam on 24.04.2024.

## Department of Agricultural Engineering



R Abinaya- III Agri secured 1st prize in poster presentation and Second prize in paper presentation and Gayathri J -II Agri secured 2nd prize in Poster Presentation in National level Technical symposium held at JJCET, Trichy.

## Department of Information Technology



IT Department student Ms. R. Uma Maheswari of III B.TECH - IT participated and won the prize amount of Rs.10,000 (Ten Thousand Rupees) from MINMINI HASHTAG CONTEST 2024

## Department of Physical Education



First place in Colosseum National Level Volleyball Tournament held at Sastra University



## ICT Autodesk



IGCE with ICT and Autodesk (Auto CAD) is organizing a Five days (25.11.2024 to 29.11.2024) course to equip with hands-on skills and shape for brighter future. Around 50 students from various departments (AGRI, MECH, EEE and ECE) are participating.

## Department of Physical Education



The Department of Physical Education at Indira Ganesan College of Engineering has showcased outstanding athletic prowess by achieving remarkable victories in both Kabaddi and Volleyball at the Anna University 13<sup>th</sup> Zonal Inter-Collegiate Competitions. The Kabaddi team emerged as champions in a fiercely contested tournament held at Anna University Constituent Engineering College, Trichy campus, defeating J.J. College of Engineering and Technology in the final with a score of 35-30. This triumph earned them the championship title and qualified them to represent the zone in the forthcoming inter-zonal Kabaddi championship. Similarly, the Volleyball team displayed exceptional skill and determination, securing victory against 11 competing teams to clinch the coveted zonal championship title. These significant accomplishments highlight the dedication, hard work, and excellence fostered by the Department of Physical Education.



Our final year ECE, EEE, and Mechanical students have secured placements at TVS Sundaram Fasteners Limited during the on-campus drive held on 04/03/2024, with a CTC of 2.1 LPA. A proud moment for our placed students from three departments

### Department of ECE



### Department of EEE





## Department of Mechanical and EEE

Final Year Mech and EEE students placed in Aquasub Engineering limited in the On-Campus drive with CTC and their package 2.4 Lakhs per annum



**Saranya Sree. TR**  
Mechanical



**Naveen. R**  
EEE



**Balamurugan. A**  
EEE



**Karthik. D**  
EEE



**Alex Immanuel. S**  
EEE



**Mohandoss. S**  
EEE

## Department of CSE



**Ayisha Siddeequa. A**  
Placed in TCS  
as a System Engineer (Grade C1)  
with a CTC of 7 LPA



## C4i4 Lab - Transforming the Future with Industry 4.0.

The C4i4 (Center for Industry 4.0) Lab, established on our college campus, is a state-of-the-art facility designed to equip students with cutting-edge skills in smart manufacturing, industrial automation, and digital transformation. Focused on key Industry 4.0 technologies such as IoT, AI-driven analytics, robotics, and cyber-physical systems, the lab offers an advanced five-phase working model that provides hands-on training in real-time data acquisition, process optimization, and smart factory operations. By fostering innovation and research, the C4i4 Lab bridges the gap between academia and industry, preparing students to thrive in the dynamic industrial landscape. The lab not only serves engineering students but also offers training to those in diverse fields such as pharmacy, physiotherapy, allied health sciences, and naturopathy, thus imparting essential knowledge of Industry 4.0 and spreading awareness throughout the student community.





Indra Ganesan College of Engineering proudly participates in the national initiative Unnat Bharat Abhiyan (UBA), aimed at fostering rural development through education, healthcare, sanitation, self-reliance, and sustainable growth. Under the themes Educate India, Healthy India, Clean India, Self-Reliant India, and Enrich India, the program encourages academic institutions to collaborate with local authorities for village development.

In partnership with the District Administration, the college has adopted five villages: Thirumalaisamudram, Thayanur, Somarasampettai, Sholanganallur, and Mudikandam. Faculty and students are actively involved in creating comprehensive village development plans, focusing on education, health, hygiene, and economic empowerment.

This initiative not only addresses the developmental needs of rural communities but also enhances the practical learning experience of students, fostering a sense of social responsibility. By integrating knowledge, resources, and community engagement, Indra Ganesan College of Engineering aims to contribute significantly to rural upliftment and sustainable national growth.



## UNNAT BHARAT ABHIYAN

**EDUCATE INDIA | HEALTHY INDIA | CLEAN INDIA | SELF INDEPENDENT INDIA | ENRICH INDIA**  
**CONVERGENCE OF KNOWLEDGE | EXPERIENCE | RESOURCES FOR RURAL DEVELOPMENT**



**Sustainable Agriculture System**



**Water Resource Management**



**Rural Energy System**



**Artisans, Industry & Livelihood**



**Basic Amenities (School Education, Digital Education Infrastructure, Others)**

**INVITATION TO PARTICIPATE | CONTRIBUTE TO RURAL DEVELOPMENT**

UBA - A flagship program of the Ministry of Education, Government of India  
 IIT Delhi as National Coordinating Institute of the program

- » Faculty and students to be involved in village development plan in collaboration with District Administration.
- » **Indra Ganesan College of Engineering** is participating in UBA and adopted following villages for their development in collaboration with District Administration.

1. Thirumalaisamudram | 2. Thayanur | 3. Somarasampettai  
 4. Sholanganallur | 5. Mudikandam

**For participation in UBA activities, please contact the following coordinators.**

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Dr. A. P. J. Abdul Kalam  
Former President of India

*Let us sacrifice our today  
so that our children can  
have a better tomorrow*



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