



# Indra Ganesan

## COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NAAC with 'B+' Grade, 3IJ and 13 B States Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620 012

# ENGNEWS

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### From Secretary's Desk...



The college aims to infuse the spirit of wonder and discovery into the teaching-learning process. Interdepartmental collaborative ventures, interface between faculty students and the exchange programme have synergized the march of IGCE to reach out every individual to come out with their full potential. They have helped to enhance qualitative change ensuring substantial growth.

Er. G. Rajaseakaran  
Secretary  
Indra Ganesan Institutions

### From Director's Desk...



Successful and happy individuals build a successful nation. That strong foundation is good education. Because, in education lies the biggest service to the individual, to the nation and to humanity in the worldwide. IGCE with best education and infrastructure which will help them to face the complexity of life after completing the studies. Not only do we inculcate in them the best of creative and technical qualification, we also teach them indispensable human qualities.

Dr. G. Balakrishnan  
Director  
Indra Ganesan Institutions

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## Department of Management Studies



Department of Management Studies Nine students participated in the Tulip (the women's event) at Hallmark Business School, Trichy on 1 March 2024. The students participated and received participation certificate. Our students actively participated in the events like Smart Photography, Bridal Makeover, Fun Game, No Oil No Boil, and presented their talent

## Workshop on Strategic Data Leadership Practice



Mr. Mohamed Shuaib Siddiqui, Head Strategy and Customer Outreach, of Bizme Analytix is the Guest speaker for the workshop on 14.03.2024. In which he shares the novelties in Business Administration that includes Business Analytics and Business Intelligence and also he introduce the vital software Tableau Prep and Tableau desk its uses are learnt by our students which help them to acquire the modern skills in Business Administration.

## Seminar on Emotional Intelligence with Career Development



**Indra Ganesan**  
COLLEGE OF ENGINEERING  
Approved by All India Council of Technical Education, New Delhi  
IG Valley, Madhavaram, Tiruchirappalli - 620 013  
Department of Management Studies

Guest Lecture On  
**Emotional Intelligence  
with Career Development**  
Date: 19.03.2024 | Time: 10.00 a.m.  
Venue: Seminar Hall, Main Block

**Mrs. Ezhilarasi**  
White & Black Advertising Agency  
Thillai Nagar, Tiruchirappalli

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Dr. C. Soundar Rajan  
HoD, Dept. of Management Studies

On 19.03.2024, a seminar organized by the Department of Management Studies.

Mrs. M. Ezhilarasi, HR of White and Black Digital Marketing, addressed the students, where she shared about the emotional intelligence and how to balance it both in personal and professional life. Also she collectively shares about personality development, importance of communication. Finally in the interactive session students participated eagerly.

### 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.



## Workshop on How to Draft a Research Article



Date : 28.03.24, Time : 10.30, a.m. @ Seminar Hall



**Dr. R. HARIHARAN**  
Assistant Professor  
School of Business and Management  
CHRIST (Deemed to be University)  
Bangalore Yeshwanthpur Campus  
Bangalore - 560073

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In-charge

Dr. S. Kartikesan  
In-charge

Dr. C. Suresh Rajan  
HOD, Dept. of Management Studies



On 28.3.2024, Department of Management studies, IGCE conducted a workshop on "How to draft a Research Article", Dr.R.Hariharan, Assistant Professor, School of Business Management, (Christ Deemed to be university), Bangalore is the Guest of honour and Resource person facilitated the gatherings with innovation in Research Methodology, how to analyse and identify the difficulties in corporative sectors & how to overcome it, selection of topics, areas to covered in Research in management studies, soft skills, psychological aspects etc., On the whole students are exposed to what is Research and Research Methodology.

### SEED LAB

IGCE started SEED lab training to 1st and 2nd year students in the domains from 27.02.2024 to 12.03.2024. An Intra - disciplinary lab, in this students are focused to learn and experience learning 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. The flexibility for students to choose specializations and work within this integrated lab not only encourages interdisciplinary collaboration but also fosters a holistic learning environment. This forward-looking platform enables students to enhance their skills and knowledge, preparing them for the dynamic challenges of the future. IGCE has providing such a valuable and enriching opportunity for students through the Seed Lab.

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



## 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. In the session he trains the students in basic Asana to strengthen Ligament, Joints and nerves and how to do proper exercise, breathing and relaxation, diet plan and positive thinking and meditation.



## 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. Women's day was been conducted in morning and many of the students had participated for that. We started the program with Lightening Lamp by Dr M.Anusuya, Registrar, Dr. S.Karthikeyan, Vice Principal followed by faculties and 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. Also, the celebration to honour womanhood is a milestone and provides the importance of a girl child in every family and awareness for women education among the society which will further result in overall development of nation and its community. Around 400 Students actively participated in the Program. The international women's day Program is useful and to provide a comfortable environment for girl children to educate, explore and be



## Department of Mechanical Engineering

The mechanical engineering department organised and successfully conducted awareness program on GATE for Engineering Final & Third year students of Mechanical Engineering, Electrical Engineering, AGRI and Electronics & Commutation Engineering who are the participants of the program. Mr.Venkawswaran, Managing Director and his team of Sri Krishna Engineering Academy delivers lecture and provides awareness in the program.



## Department of Computer Science Engineering

The Department of CSE faculty members attested the Seminar on Build your first Generative AI Project on 23.03.2024, NXT WAVE, Trivikrama, IIT Delhi.



### Participation/Presentation by the students

- i. IV Year & III Year Students actively participated in International Conference on Emerging trends in Management, Education, Engineering, Science and Technology
- ii. IV Year CSE R. Sumitra got best paper presenter award at International Conference on Emerging trends in Management, Education, Engineering, Science and Technology.
- iii. III Year CSE S. Manikandan, L. Jacob Antony, Saravana Perumal got best paper presenter award at International Conference on Emerging trends in Management, Education, Engineering, Science and Technology.



## Department of Information and Technology



Dr. M. Senthilkumar, Professor, Department of Information Technology has completed oneweek internship programme on Crafting Dynamic Mobile Experience: Mastering Flutter with Dart from 06.03.2024 to 10.03.2024.

## Participation of Vijay TV Programme



M.Nisha, II-ECE and T.Kaviya, III-Agri, participated in debate out of six members these two speakers were selected as the best speaker on women's day celebration organized on 11.03.2024 at Auditorium in Indra Ganesan College of Engineering. This programme telecasted went on air in Vijay TV on 24.03.2024 at 06.30a.m.

## Department of Electronics and Communication Engineering Industrial Visit

The Department of Electronics and Communication Engineering an industrial visit had been organized from 25/03/24 to 26/03/24. We visited the highly regarded organization of research and development of our nation, the UR RAO satellite centre - Indian space research organization, Bengaluru and the chip manufacturing hub, KAYNES Technology, Bengaluru. We were warmly received by the staffs of ISRO who escorted us to a museum in built within the facility highlighting all the achievement of ISRO right from the beginning till date. The visit ended pleasantly with a video presentation featuring the success of ISRO in interplanetary mission like the CHANDRAYAAN-I, II, III providing a through, understanding of the evolution of the mission overtime. Chip Play an integral role in any electronic device and is a key domain in our field the electronics and communication engineering. Visiting KAYNES Technology, Bengaluru proved fruitful as it helped catch a glimpse of a chip manufacturing, and understand the nuances of the processes involved. From choosing chip design really proved a tough and worthy job.





## Department of Training and Placement

Our final year ECE, EEE & Mechanical students placed in TVS Sundharam Fasteners limited in the On-Campus drive held on 04/03/2024 with CTC 2.1 Lakhs per annum.

| Department   | Count     |
|--------------|-----------|
| ECE          | 16        |
| EEE          | 15        |
| Mech         | 24        |
| <b>Total</b> | <b>55</b> |

Proud Placed Students from Three Departments,



**ECE**



**EEE**



**MECH**

## SELF STUDY REPORT (SSR) OF NAAC:

### A JOURNEY TOWARDS EXCELLENCE

The National Assessment and Accreditation Council (NAAC) is an autonomous body established by the University Grants Commission (UGC) to assess and accredit higher education institutions in India. Accreditation by NAAC signifies that an institution meets certain standards of quality in terms of infrastructure, teaching, research, and overall performance. For an engineering college, NAAC accreditation is not just a badge of honor but a testament to its commitment to excellence in technical education. In this article, we present a brief overview of the Self Study Report (SSR) prepared by our college for NAAC accreditation. Indra Ganesan College of Engineering (IGCE) submitted SSR on 29th March 2024. The primary objective of the SSR is to provide a comprehensive self-assessment of the IGCE performance against the criteria set by NAAC. The SSR serves as a roadmap that helps the institution identify its strengths, weaknesses, opportunities, and challenges. It also serves as a basis for the external peer review by NAAC assessors. The key sections of the SSR are executive summary and criteria-wise analysis. The executive summary provides a snapshot of the IGCE, highlighting its mission, vision, and key achievements.

The SSR is structured around seven criteria defined by NAAC:

1. Curricular Aspects
2. Teaching-Learning and Evaluation
3. Research, Consultancy, and Extension
4. Infrastructure and Learning Resources
5. Student Support and Progression
6. Governance, Leadership, and Management
7. Innovations and Best Practices

For each criterion, the SSR provides a detailed analysis of the IGCE's performance, supported by data, case studies, and feedback from stakeholders. The SSR highlights the best practices and innovations adopted by the institution in various aspects of its functioning. These could include innovative teaching methods, research initiatives, community engagement programs and governance practices. Preparing the SSR for NAAC accreditation is a rigorous and comprehensive exercise that involves the participation of all stakeholders, including faculty, students, administrative staff, and alumni. It provides an invaluable opportunity for self-reflection and self-improvement, helping the institution to align its goals and objectives with the best practices in higher education. As we embark on this journey towards NAAC accreditation, let us reaffirm our commitment to excellence, innovation and continuous improvement in all aspects of our institution's functioning. Together, we can build a brighter and more promising future for our engineering college and contribute to the advancement of technical education in India. Let's strive for excellence, not just for accreditation, but for the holistic development and success of every stakeholder associated with our institution.

## Department of Agricultural Engineering



R. Abinaya of IIIrd B.Tech Agri participated, Quiz Competition in DEEKSHI TECHFEST 2024 National level Technical Symposium at Sudharsan Engineering College, Pudukottai on 15.03.2024 and won third prize.

R. Abinaya of IIIrd B.Tech Agri participated, Paper Presentation in DEEKSHI TECHFEST 2024 National level Technical Symposium at Sudharsan Engineering College, Pudukottai on 15.03.2024 and Second third prize.

## Department of Information Technology



Vishnu Sree for participated in two days National Tech Workshop Seroes'24 at IIT Madras organized by Techobytes Technologies in collaboration with Mechnaico'24, MEA IIT madras on 30.03.2024 and 31.03.2024.



Vishnusree Shankar has completed workshop held as part of Vortex 24, the National Level Technical Symposium organized by the Computer Science and Engineering Association of National Institute of Technology, Trichy from 08.03.2024 to 10.03.2024.

## The C4i4 Factory Inauguration

March 29, 2024, India's first centre for industry 4.0, C4i4 Factory with automation technology at Indra Ganesan College of Engineering was inaugurated with a grand note of Tamizh thai vazhthu. The Most Honourable Vice-Chancellor of Anna University, Chennai Dr. R. Velraj, inaugurated the laboratory in the presence of our Secretary Er.G.Rajasekaran of Indra Ganesan College of Engineering, Principal and Director Dr.G.Balakrishnan, Registrar Dr.M.Anusuya, Vice Principal Dr. S.Karthikeyan, Mr. B. Chella Ramaswamy - Jyoti Group's C-II Liaison Group Chairman and Managing Director, Industrial People Interaction Panel Head, presided as the guest of honour. The special guest of the event is the Syndicate Member, Sub-Committee Chairman of Tamil Nadu Teacher Education University, Chennai and Chairman of Karur Government Education Committee Dr. P. Natesan participated. The Vice-Chancellor addressed the development of science and technology as the global level today is unparalleled. The C4i4 Factory is becoming globally competitable and equipped with the art of technology from Indra Ganesan College of Engineering to align with India's emerging industry 4.0. The Vice Chancellor also appreciated that "The Centre of Excellence Industry 4.0" will act as a place to educate automation technologies to students with focus on training, Knowledge Transfer, Research Projects, Application Oriented Research and Innovation. Students will develop their unique skills by practicing using automated technologies. He wished that the C4i4 Industrial Laboratory would become the best place to carry out research projects and carry out modern science and technology research. After the Grand inauguration all our professors, researchers and students participated in large numbers.



## The C4i4 Factory Inauguration

All the guests of honour and the participants felt the lab as if very much efficient and equipped with updated machinery and the instruments of highly priced for the research projects and the students of Indra Ganesan college of Engineering are favoured with the magnificent c4i4 lab. The festival ended on a sweet note with National Anthem. Further The Vice Chancellor inaugurated the smart classrooms and new block. Yoga session was conducted by the student of Naturopathy and yogic science college. The chief guest appreciated the performance and addressed about the importance of yoga and the link between the human physiology and research. The program was concluded with photo session with C4i4 members, Teaching facultis .





# Indra Ganesan ★ Institutions ★

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## Engineering

B.E. CSE | EEE | ECE  
Mech | Bio Medical

B.Tech. IT | AIDS | Agri

M.E. CSE | VLSI

MBA | Ph.D

## Nursing

B.Sc. Nursing | ANM

## Allied Health Science

B.Sc.

Cardiac | Dialysis

Medical Laboratory

Radiography and Imaging

Accident and Emergency Care

Operation Theatre and Anaesthesia

Cardio Pulmonary Perfusion Care

## Education

B.Ed. | M.Ed.

## Medical Science

HI | DMLT

## Physiotherapy

BPT

## Arts & Science

B.A. English | Defence and Strategic Studies

B.B.A. Aviation Management

B.Sc.

Maths | Computer Science | Geology

Nutrition & Dietetics | Forensic Science

Fashion Technology & Costume Designing

Hotel Management & Catering Service

Aviation

B.Com. | B.Com. (CA)

## Pharmacy

D. Pharm | B. Pharm | M. Pharm

Pharm.D

## Naturopathy & Yoga

BNYS



**SIGMA**  
CBSC School

