



Indra Ganesan

COLLEGE OF ENGINEERING

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

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

ENGNEWS

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From Secretary's Desk....



Er. G. Rajaseakaran
Secretary
Indra Ganesan Institutions

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.

From Director's Desk....



Dr. G. Balakrishnan
Director
Indra Ganesan Institutions

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.

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Department of Mechanical Engineering

On 03.12.2024 Physiotherapy students C4I4 Hands-on Training refers to training programs designed to provide practical, hands-on experience in the field of Command, Control, Communications, Computers, Intelligence, Information, and Integration. These components are essential for healthcare and automation operations but are also applicable in industries where communication, data processing, and decision-making systems are critical.



HANDS ON TRAINING

Exciting Opportunity for **Physiotherapy Students**. Join our **hands-on training session on Industry 4.0** and gain insights into the future of healthcare. Learn about cutting-edge medical equipment manufacturing, automation and data-driven approaches that are transforming the industry

03rd December 2024

Manikandam, Tamil Nadu, India
Pirq+39, Manikandam, Panjappur, Tamil Nadu 620012, India
Lat 10.741598° Long 78.637486°
29/11/24 02:48 PM GMT +05:30

Manikandam, Tamil Nadu, India
Pirq+39, Manikandam, Panjappur, Tamil Nadu 620012, India
Lat 10.741566° Long 78.637497°
29/11/24 02:21 PM GMT +05:30

Manikandam, Tamil Nadu, India
Pirq+39, Manikandam, Panjappur, Tamil Nadu 620012, India
Lat 10.74156° Long 78.637524°
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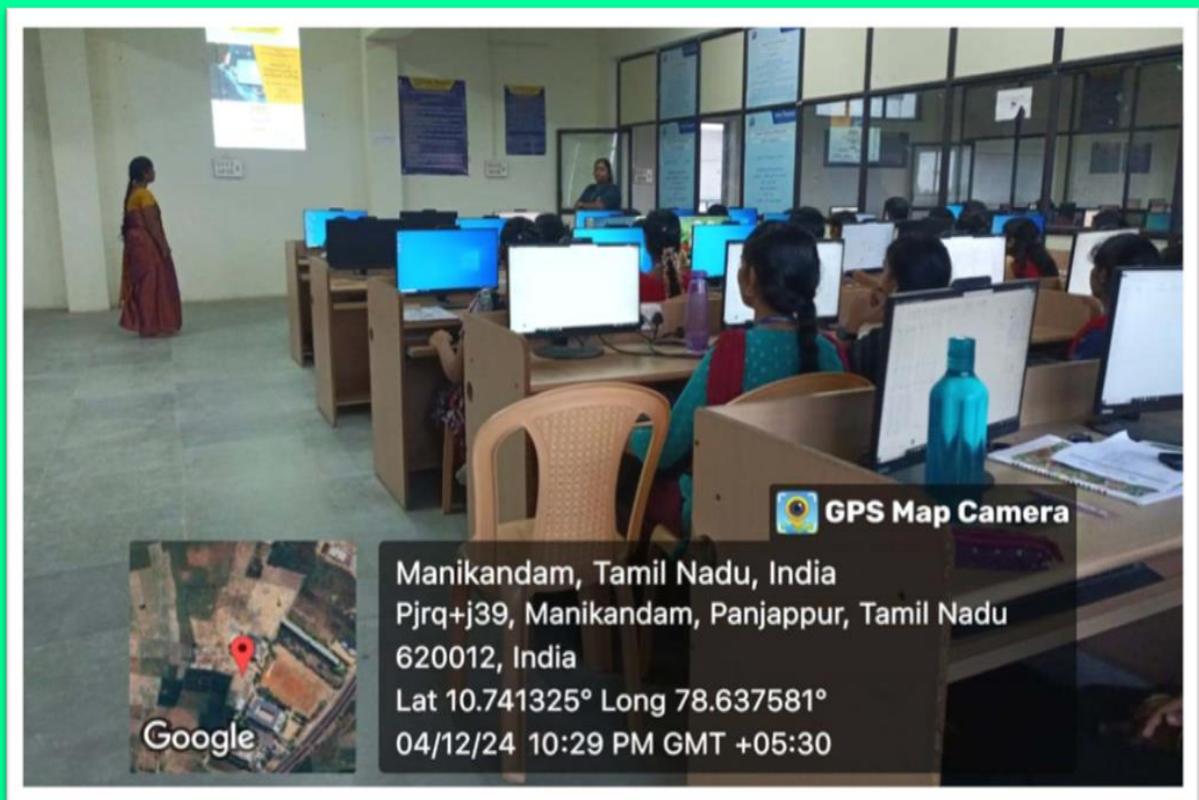
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Pirq+39, Manikandam, Panjappur, Tamil Nadu 620012, India
Lat 10.741567° Long 78.637529°
29/11/24 03:26 PM GMT +05:30

On 04.12.2024 Exciting opportunity for Allied Health Sciences Students join our hand-on training session on Industry 4.0 and gain valuable insights into the future of healthcare. Learn about cutting-edge advancements in medical equipment manufacturing, automation and data-driven approaches that are revolutionizing the healthcare industry. Don't miss out on this chance to enhance your knowledge and stay ahead in this evolving field.



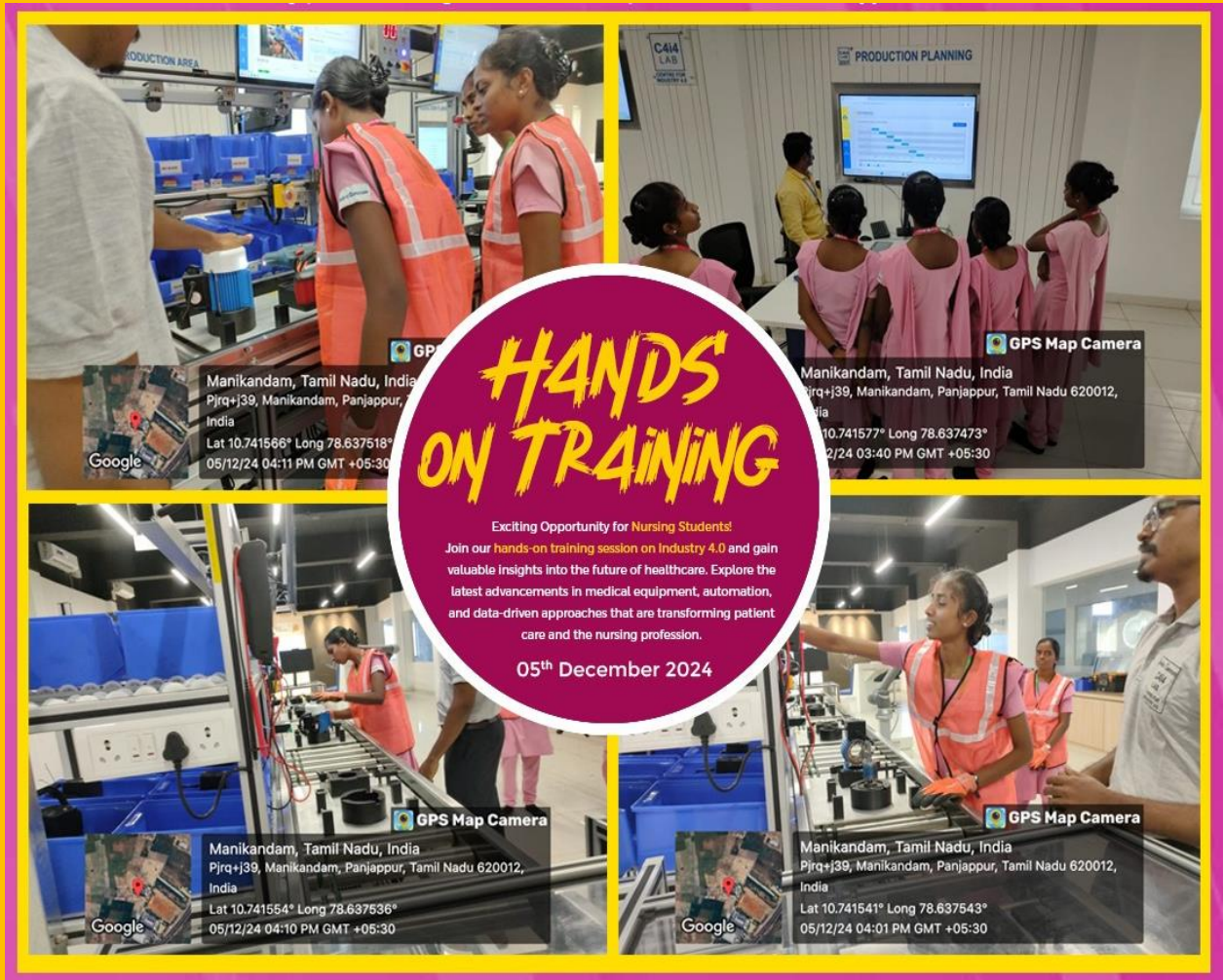
Department of Computer Science Engineering

The Department of CSE organized Workshop on “Growth and Opportunity in Medical Coding” on 04.12.2024. The prime objective of the workshop is to enhance the students in the field of medical coding. More than 50 students have actively participated in the seminar. Our honorable secretary, Er. G. Rajasekaran, and Director and Principal Dr. G. Balakrishnan, were of great moral support for the smooth conduct of the Workshop. Ms. Devikiruba Trainer and Ms. Sabanam Banu, HR Executive, Thoughtflows Medical Coding Academy, Trichy provided ideas and techniques in the field of medical coding. Medical coding is an essential component of the healthcare industry, transforming healthcare diagnoses, procedures, medical services, and equipment into universally recognized alphanumeric codes. These codes are crucial for health insurance billing, patient records, research, and compliance with regulations. The growth of the healthcare industry, along with technological advancements, has expanded the scope and importance of medical coding. This workshop explores the current growth trends, emerging opportunities, and key factors driving the medical coding industry.



Department of Mechanical Engineering

On 05.12.2024 Exciting significant opportunity for Nursing students. Join our hands-on session on Industry 4.0 and gain valuable insights into the future of healthcare. Explore the latest advancements in medical equipment, automation, and data-driven approaches that are transforming patient care and the running profession.



On 06.12.2024 A specialized on-day Industry 4.0 training program, thoughtfully curated for first-year B.E., students from the Biomedical and Agricultural Engineering Departments. This engaging session will introduce foundational concepts of Industry 4.0, emphasizing cutting-edge technologies such as IoT, AI, Big Data, and Automation. The program will showcase their transformative impact on healthcare Innovations and agricultural advancements, inspiring students to envision ground breaking applications within their respective domains.



HANDS ON TRAINING

A specialized one-day **Industry 4.0 training program**, thoughtfully curated for **first-year B.E. students from the Biomedical and Agricultural Engineering Departments**. This engaging session will introduce foundational concepts of Industry 4.0, emphasizing cutting-edge technologies such as IoT, AI, Big Data, and Automation. The program will showcase their transformative impact on healthcare innovations and agricultural advancements, inspiring students to envision groundbreaking applications within their respective domains.

06th December 2024



Research and Development Cell

The R&D meeting was convened on 07.12.2024 and 21.12.2024 to review the progress of on-going projects, discuss new research proposals, address technical challenges, and allocate resources. The meeting was chaired by Dr.G.Balakrishnan, Principal, Dr.M.Anusuya, Registrar Indra Ganesan College of Institutions and Dr.S.Karthikeyan, Vice-Principal Indra Ganesan College of Engineering, Manikandam Post, and Trichy. The following key points were discussed and decisions made.

The Appreciation is Proposal Submission of DBT, ICSSR, TNSCST, Partial Finance Assistance, Patent filed, Research Article Publication and Book Chapter.

The discussion upcoming events and activities across the institution in the month of January, February and March 2025. Discussion and follow up status about the ongoing Proposals. To discuss about the conversion of final year student projects of the respective department into patents.

The Appreciation for Paper Submission is IEEE XPLORE, IEEE XPLORE, Springer, FDP, Patent, Membership Award, Book Chapter and UBA Project.



On 09.12.2024 Industry 4.0, the fourth Industrial revolution, is transforming various sectors through advanced technologies like IoT, artificial intelligence, robotics, and data analytics.. For BACHELOR OF NATUROPATHY AND YOGIC SCIENCE Students, hands-on training in Industry 4.0 can provide valuable insights into how these technologies can enhance healthcare delivery and improve patient care.



On 11.12.2024 Industry 4.0 the fourth Industrial revolution, is transforming various sectors through advanced technologies like IoT, artificial intelligence, robotics and data analytics, for BNYS students, hands-on-training in Industry 4.0 can provide valuable insights into how these technologies can enhance healthcare delivery and improve patient care.



Academic Development Meeting



As a part of academic enhancement a meeting with heads of the department held on Board Room on each and every week of Tuesday on. Dr. G.Balakrishnan, Director / Principal of IGCE, convened the meeting and discussed the further promotional activities regarding institution upliftment.

Margazhi Urchavam

On 28.12.2024 Margazhi Urchavam is a month of December to January mid rich cultural activities in Tamil Nadu, the spirituality with the highlight being the month-long series of performances. The festival also emphasizes religious observance, with temple rituals and early morning prayers being an essential part of the celebrations.



On 12.12.2024 Industry 4.0, the fourth Industrial revolution, is revolutionizing healthcare for students of PHARMACY students, hands-on training in Industry .0 offers invaluable insights into transforming pharmaceutical care, optimizing drug delivery, and improving patient outcomes.



On 13.12.2021 Industry 4.0, the fourth industrial revolution, is revolutionizing healthcare for students of PHARMACY II Year students, hands-on training in Industry 4.0 offers invaluable insights into transforming pharmaceutical care, optimizing drug delivery, and improving patient outcomes.



NBA Accrediation Meeting



An NAAC criteria meeting held on Board Room on 31.12.2024. Dr.G.Balakrishnan, Prncipal / Director and NAAC expert members convened the meeting and discussed. The meeting focused on report making and how it can be done systematically according to the NBA work and the responsibilities are segregated among the staff.

End Semestr Examination



The Commencement of End Semester Examination on 23.12.2024 to 31.01.2025. all the engineering students and Managemetn Studies students are writing their examination. The End Semester Examination conducts very smoothly asper the norms.



On 19.12.2024 Exciting opportunity for Allied Health Science Students, Join our Hands-on-training session on Industry 4.0 and gain valuable insights into the future of healthcare. Learn about cutting-edge advancements in medical equipment manufacturing, automation, and data-driven approaches that are revolutionizing the healthcare industry. Don't miss out on this chance to enhance your knowledge and stay ahead in this evolving field.



On 20.12.2024 Industry 4.0, the fourth industrial revolution, is revolutionizing healthcare for students of PHARMACY students, hands-on training industry 4.0 offers invaluable insights into transforming pharmaceutical care, optimizing drug delivery, and improving patient outcome.





Indra Ganesan ★ Institutions ★

Engineering | Medicine - Siddha | Naturopathy | Nursing | Pharmacy | Physiotherapy | Allied Health Science
ANM | Health Inspector | DMLT | Management | Arts & Science | Education | School | Hospital

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



Your Future begins...



Engineering

Bachelor of Engineering (B.E.)

- Electrical and Electronics
- Electronics and Communication
- Mechanical Engineering
- Biomedical Engineering
- Computer Science and Engineering

Bachelor of Technology (B.Tech.)

- Agricultural Engineering
- Artificial Intelligence & Data Science
- Information Technology

Master of Engineering (M.E.)

- Computer Science and Engineering
- VLSI Design

Master of Business Administration (M.B.A.)



Arts & Science

Bachelor of Science (B.Sc.)

- Aviation ■ Computer Science ■ Forensic Science
- Geology ■ Nutrition & Dietetics ■ Mathematics
- Hotel Management & Catering Science
- Fashion Technology & Costume Designing
- Artificial Intelligence and Machine Learning

Bachelor of Business Administration (B.B.A.)

- Aviation Management

Bachelor of Commerce (B.Com. & B.Com. (CA))

Bachelor of Arts

- English ■ Defence & Strategic Studies

Master of Science (M.Sc.)

- Computer Science

Master of Commerce (M.Com.)



Medicine

Siddha

Bachelor of
Siddha Medicine
and Surgery (BSMS)



Naturopathy

Bachelor of
Naturopathy and
Yogic Science (BNYS)



Physiotherapy

Bachelor of Physiotherapy (B.P.T.)



Pharmacy

Diploma in Pharmacy (D.Pharm)
Bachelor of Pharmacy (B.Pharm)
Master of Pharmacy (M.Pharm)
Doctorate in Pharmacy (Pharm.D)



Allied Health Science

Bachelor of Science (B.Sc.)

- Cardiac Technology
- Dialysis Technology
- Medical Laboratory
- Radiography and Imaging
- Accident and Emergency Care
- Operation Theatre and Anaesthesia
- Cardio Pulmonary and Perfusion Care



Nursing

Bachelor of Nursing (B.Sc. (N)) | ANM



Medical Science

Health Inspector (HI)
Diploma in Medical Lab Technician (DMLT)



Education

Bachelor of Education (B.Ed.)
Master of Education (M.Ed.)

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