ENGNEWS

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

Anna University Examination

Anna University Examination – 2024 (April to July). The students are writing their examination for the first time in new Annexure Block and experiencing a new ambience as the halls are spacious and provided with air circulation.

All our students are structed to come in iniform to appear for examination and they are thoroughly   checked and guided by Heads of the Department and Faculty members before entring the examination hall.

Institutional Development

Dr.G.Balakrishnan, Principal, Indra Ganesan College of Engineering signed MoU of iTNT with Tamilnadu Minister of Information Technology Dr.Palanivel Thiyagarajan.

Institutional Development Meeting

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

ACADEMIC PLANNING AND MONITORING

The Academic Planning and Monitoring Meeting held on Saturday 13th July 2024, at Indra Ganesan College of Engineering Board room. The meeting was started by10.30am. The morning session was from 10.30am to 1.30pm. Dr.G.Balakrishnan, The director/Principal, Syndicate member of Anna University, Govt. of India, Tamilnadu, 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. Initially, Dr. Dr.G.Sai Narayanan, Head, HCL Technology, Chennai gave some suggestions for the improvement of the institution. Then Dr.S.Lokesh, Associate Professor of CSE, PSG Institute of Technology and Applied research, Coimbatore, suggested some points to the development of the institution. Finally Dr.T.Senthil Kumar, Dean, Anna University, Trichy gave ideas the points to follow for the documents preparation for autonomous status. Afternoon session was from 2.30pm to 3.30pm. Dr.T.Senthil Kumar, Dean, Anna University, Trichy and Dr. Dr. G. Sai Narayanan, Head, HCL Technology, Chennai gave valuable points for setting up the syllabus, curriculum and the members for board of studies.

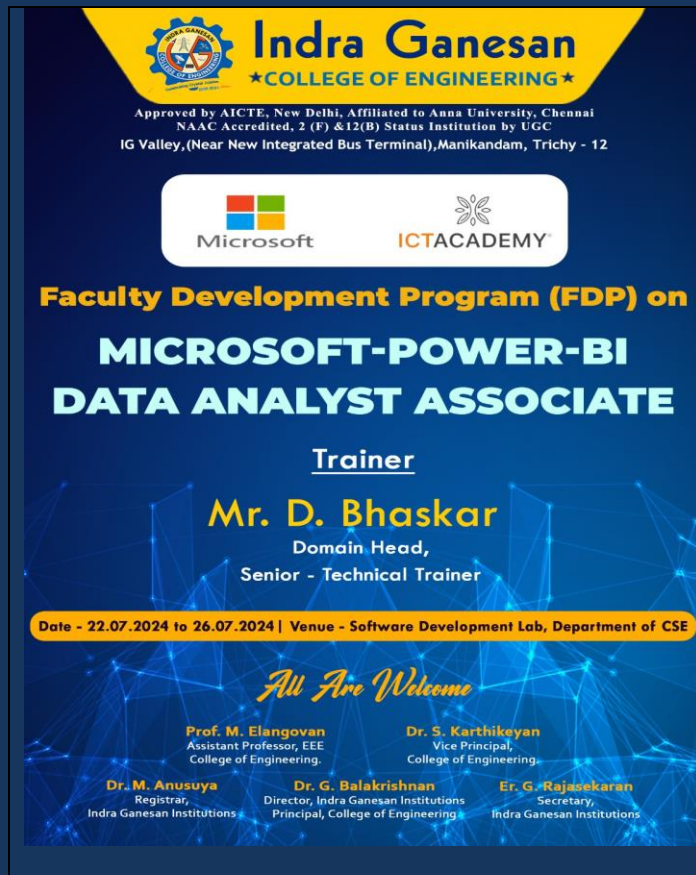# FACULTY DEVELOPMENT PROGRAM (FDP) ON FRAMEWORK OF AUTONOMOUS SYSTEM

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 program was started by 10.30am. 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. Ms.Padmanayagi, Prof/AIDS greeted the resource person and she gave introduction about the resource person. The resource person delivered his lecture about the system to be followed in an autonomous Institution. He also clarified doubts raised by the participants. All participants got clear idea about the system of autonomous institution. The resource person covered about board of studies, academic council, curriculum & syllabus framing, academic coordinator & question paper quality assurance team allotment, result passing meeting and controller of examination of an autonomous Institution. His lecture was very informative and useful to follow to us as an autonomous institution. Prof.A.Ramya, HOD/AIDS gave vote of thanks.

Faculty Development Programme

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.

Day 1: 22-7-2024 (Monday)

The faculty Development Programme was inaugurated by the Principal and Director, IGCE Dr.G.BalaKrishnan, Vice Principal Dr.S.Karthikeyan and with all participant faculties at 9.30 A.M, Board Room Indra Ganesan College of Engineering. Each day we had two sessions. All the sessions were handled by Mr.Bhaskar Dhanaraj and sessions are completely hands on in software development lab. Lab resources were supported by the department of CSE.

Session 1:

Mr.Bhaskar Dhanaraj Senior Trainer, ICT Academy, started the session by giving the introduction about POWER –BI , day to day applications and the outcomes of this programme. Participants interacted with resource person and clarified their doubts regarding real-life applications of POWER-BI.
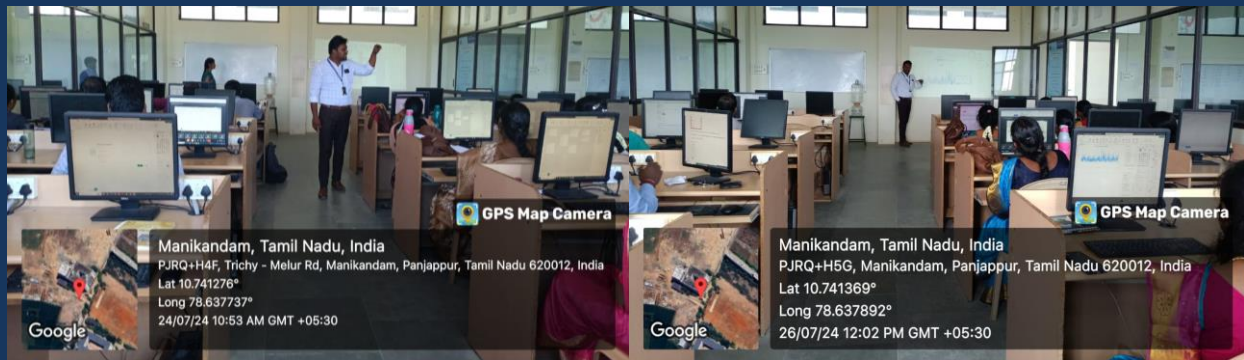
Session 2:

A tutorial work was shown and faculty participants trained in the Excel workbook to stunning report in Power BI Desktop., how to write expressions in DAX , how to build a report with various measures, how to format the report , saving the report and publishing to POWER BI.

Day 2: 23-7-2024 (Tuesday)

Session 1:

This session provides a step-by-step procedure for installing a new instance of SQL server by using the SQL Server Setup Installation Wizard. Hands on session includes how to prepare data, setting power bi desktop options, getting data from SQL server, preview SQL server queries, how to load data in power Bi and configure various SQL queries.

Session 2:

Afternoon session we had the hands on experience on designing a data model in PB**,** Creating model relationships and configure tables. By taking a sample data set, faculties explored the given tasks.

Day 3: 24-7-2024 (Wednesday)

Session 1:

In this session faculty members learnt about creating calculated tables, calculated columns and simple measures using Data Analysis Expressions (DAX). Hands on session on how to: Create calculated tables; create calculated columns and create measures.

Session 2:

Session includes creating measures with DAX expressions involving filter context manipulation. In this lab how to Use the Calculate ( ) function to manipulate filter context and how to use Time Intelligence functions were handled**.**

Day 4: 25-7-2024 (Thursday)

Session 1:

Tutorial was shared to create a three-page report and publish it to Power BI, whereupon the faculty can open and interact with the report. As a nut shell, in this session faculty learnt about how to design a report, configure visual fields and formal properties.

Session 2:

In this session, faculty enhance the sales analysis with advanced design features and learnt how to Sync slicers, Create a drill through page, apply conditional formatting, create and use bookmarks.

Day 5: 26-7-2024 (Friday)

Session 1:

Session includes hands on training on creating the Sales Monitoring dashboard and learnt how to Pin visuals to a dashboard, used Q&A to create dashboard titles and review the dashboards.

Session 2:

Session includes the Sales Exploration report, creating animated scatter charts, using visuals to forecast values. At the end of the session, outside participant were taken on a visit to C4/I4 lab, assessment tasks are given to the faculty as an evaluation process.

Department of Information Technology

The seminar program on **"Exploring International Opportunities"** has been conducted by Internal Quality Assurance Cell (IQAC) in association with the department of Information Technology on 30th July 2024. The program was started by 10:00am. The resource person is Mr. Cyril Vasanthan, Manager - Operations and Training Leams Education, AICS - Dubai, UAE. Dr.G.Balakrishnan, The Principal/IGCE, Dr.S.Karthikeyan, The VP/IGCE, Dr.M.Santhi, IQAC Coordinator, Dr.P.Subha Rajam, HOD /IT and other departments HODs, faculties and students are the participants of the program. S. Stephen, III year student greeted the resource person and gave introduction about the resource person. The resource person delivered his lecture about the getting job offers in aboard as well as what the skills are needed for the job opportunities to the various department students. He is given to this more information about motivation for future carrier and learning International opportunities in various countries. He also clarified doubts raised by the participants. All participants got clear idea about the job opportunities. His lecture was very informative and useful for various department students of our institution.

Skill Development Program

The Skill Development Program for the Students from various schools is arranged by Indra Ganesan Instructions. The program was started by 9.30am. 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. Dr.S.Saju, HOD/Bio Medical Engineering presented the scope of engineering in the fields of Defense, transport and Agriculture Engineering to all the students. Mrs.M.Tamilselvi, Prof/Nursing presented her lecture about the scopes of nursing. Ms.Tamarai, Professor, BPT presented about the scopes of BPT.

Dr.M.Sangeetha, Prof/Arts & Science presented about the scope and opportunities in the field of arts & science. Then all students are dispersed to visit the various laboratories of BPT, Siddha, Anatomy, Nursing, C4i4 & EV laboratory of Engineering in the campus of Indra Ganesan Institutions. Then the feedback from all students was collected and the lunch was provided to all students. Finally the program was concluded by 1.00pm.

Department of Information Technology

Mrs.U.Vidhya AP/IT has participated FDP on "Generative AI" Organized by institution of engineers(India), Tiruchirappalli Local Center in association with Department of AI&DS, Saranathan College of Engineering, Tiruchirappalli on 18.07.2024.

ANNA UNIVERSITY
CHENNAI – 25

271St MEETING OF THE SYNDICATE

MINUTES
OF
MEETING

DATE   : 29.07.2024
TIME   : 10.00 am
VENUE : Syndicate Hall,
           Anna University,
           Chennai - 25

SYNDICATE MEETING

The Anna University, Chennai, Tamil Nadu, organized a 271st Syndicate Meeting on 29.07.2024 in its campus.

Among the other dignitaries, reputed educationalists and our Respected Director of Indra Ganesan Institutions / Principal of Indra Ganesan College of Engineering Dr. G. Balakrishnan, was one of the dignitaries of the meeting and shared few valuable inputs towards the Syndicate members.

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.

Skill Development Program

The Skill Development Program for the Students from various schools has been arranged by Indra Ganesan Institutions. The program was started by 9.30am with a brief presentation in a seminar hall. Visual presentation about C4i4 lab was done by Mr.R.Ramesh Babu, HoD/Mechanical Engineering and the stage by stage process about C4i4 Lab was demonstrated by our faculty team. Dr.S.Saju, HOD/Bio Medical Engineering presented the scope of engineering in the fields of Defense, transport and Agriculture Engineering to all the students. Mrs.M.Tamilselvi, Prof/Nursing presented her lecture about the scopes of nursing. Ms.Tamarai, Prof/BPT presented about the scopes of BPT. Dr.M.Sangeetha, Prof/Arts & Science presented about the scope and opportunities in the field of arts & science. Then all students are dispersed to visit the various laboratories of BPT, Siddha, Anatomy, Nursing, C4i4 & EV laboratory of Engineering in the campus of Indra Ganesan Institutions.
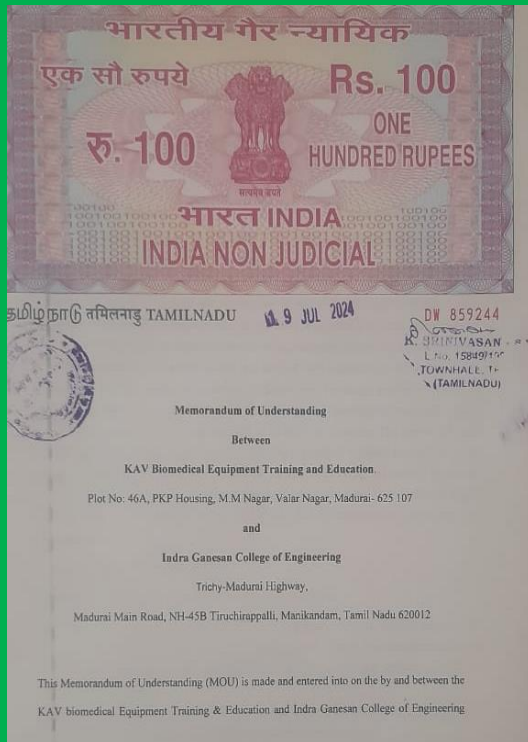
RESEARCH AND DEVELOPMENT CELL

The R&D meeting was held on 12.07.2024 & 26.07.2024. The progress of ongoing projects, discusses 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, The following key points were discussed and decisions made.

1. To discuss about DST Proposal Submission Status in the department of Education.
2. To follow up the status of Proposal Preparation for NEST (New and Emerging Energy Storage) from the department of EEE.
3. To discuss about the status of proposal preparation by college of pharmacy and college of physiotherapy for conducting Inter College sports meets in our campus.
4. To follow up the status about all professors to apply for AICTE best teacher award.
5. Professors and Associate Professors need to submit Scopus Id.
6. To discuss about the submission of research center for Mechanical and EEE departments.
7. To follow up the submission status of Scopus Id for Professors and Associate Professors.
8. To discuss about AICTE IDEAL Lab Proposal.

Department of Bio-Medical Engineering

This is to inform that the Department of Biomedical Engineering, Indra Ganesan College of Engineering has signed Memorandum of Understanding (Mou) with KAV Biomedical Equipment Training and Education Madurai on 20.07.2024.The following members are presented during the occasion Dr.G.Balakrishnan, Principal-IGCE, Dr.S.Karthikeyan, Vice Principal-IGCE, Dr.S.Saju, Professor & HOD-BME, Er.K.Vinothkumar, Managing Director-KAV Biomedical, Ms.R.Sneha, Chief Training Officer, KAV Biomedical and Mr.S.Syed Ibrahim, Technical Support Engineer

The main focus of MoU is to define a mechanism to promote interdisciplinary research; impart vocational and skill-oriented training, calibration training for medical equipment and other programs to benefits student and staff of both organizations; joint research and academic activities leading to academic excellence; new knowledge generation; innovation technology development: professional skill and competence development; vocational training capacity building and many such synergies of Institute and Company.

Training and Placement Cell

Ms. A. Ayisha Siddeequa

Department of Computer Science Engineering

She has placed in TCS as System Engineer in Grade C1 with 7lakh PA

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