



**TECH
FOR
NEW WORLD**



**What are you waiting for?
For better Career Opportunities**

Quick register at ICT Academy Job Portal

<https://ictacademy.e2ehiring.com/register>

CEO's Message



Technology has made giant strides and today India is sitting on the cusp of digital revolution, which is going to reshape the social, economical, political and the cultural landscape of the country. Indian IT and IT enabled companies have done remarkably well, all over the world, in terms of services and innovations.

The Government has been running the ambitious 'Digital India' program, which is based on the three fundamental pillars – to create digital architecture as a utility for citizens of India, to ensure digital delivery of services, and to digitally empower the citizens of India.

Digital empowerment refers to digital literacy and essentially means training the people who may not be digital literate to use digital devices and utilize e-Governance and digital services that make a meaningful transformation in their livelihood. In this context, the role of ICT Academy of Tamil Nadu assumes greater significance. ICT Academy of Tamil Nadu is suitably poised to take forward the PMGDISHA (also known as National Digital Literacy Mission) that aims to bridge the digital divide.

Since the launch of 'Make In India', there has been a need to ensure the availability of skilled manpower in the area of Electronics System Design and Manufacturing (ESDM). The Electronics System Design & Manufacturing (ESDM) sector plays a vital role in the government's goal of generating US\$ 1 trillion of digital economy by 2025. India has already started witnessing increased production across products such as mobile phones and other consumer electronics, through its various government initiatives aiming to boost domestic manufacturing.

At ICT Academy, it has been our constant endeavour to create an ecosystem that recognizes education, training, and life-long learning. We enable all individuals to have access to skills development, allowing them to benefit from the opportunities of a changing world of work.

Hari Balachandran
Chief Executive Officer, ICT Academy

INSIDE



INVESTING USING ALGO TRADING

7

9

STATE RESEARCH FOUNDATIONS AN IDEA
WHOSE TIME HAS COME



TRENDS IN DATA SCIENCES & ARTIFICIAL
INTELLIGENCE

10

11

3 DIFFERENT WAYS TO ACHIEVE
FINANCIAL FREEDOM



THE POWER OF AIOPS TRANSFORMING
IT OPERATIONS WITH ARTIFICIAL
INTELLIGENCE

12

13

RAW STORY FROM A SEASONED LEADER



ICT Connect

A Monthly Magazine from ICT Academy
July 2023 - Volume 14 Issue 07

Published By

ICT Academy

Module No E6 -03, 6th floor Block - E, IIT Madras Research Park,
Kanagam Road, Taramani, Chennai - 600 113. Tamil Nadu. India.
Ph: +91-44 - 4290 6800 / 6820
editor@ictacademy.in | www.ictacademy.in

Disclaimer: The text and other materials on ICT Connect magazine are the views and opinions of the specific author and are not statements of advice, opinions, or information of ICT Connect or ICT Academy. All trademarks and/or registered trademarks are the property of their respective companies and / or owners. Nothing may be reprinted in whole or in part without written permission from the publisher. Individuals are authorized to photocopy items only for personal use and not for commercial use.

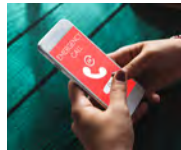


INDUSTRIAL INTERNET OF THINGS (IIOT)
AND SMART SYSTEMS

14

15

ARTIFICIAL INTELLIGENCE IN
AGRICULTURE



EMERGING TECHNOLOGIES AND THEIR
IMPACT ON THE SOCIETY

16

17

STUCK IN A RUT OR OUT OF THE BOX
THINKING?



CRITICAL THINKING PUSHES US TO
UNLEARN

18

19

CYBERSECURITY AND DATA PRIVACY
EXPANDING IN CAREER FIELD



CAN MANAGEMENT EDUCATION PREPARE
YOU AS AN ENTREPRENEUR?

20



KPR Institute of Engineering and Technology

Learn Beyond

(Autonomous, NAAC "A")



PROGRAMMES OFFERED

B.E. / B.Tech.

AI & DS | Biomedical | Chemical | Civil
CSE | CSBS | CSE (AI&ML) | ECE | EEE
IT | Mechanical | Mechatronics

M.E.

CAD/CAM | CSE | Structural | VLSI Design

Ph.D.

Biomedical | Civil | Chemical | Chemistry
CSE | ECE | EEE | Mathematics
Mechanical | Physics

NATIONAL INSTITUTIONAL RANKING FRAMEWORK 201-250	1 st College in Tamilnadu to receive DIAMOND COLLEGE RATING by QS I-GAUGE	elets 14 th India Higher Education Survey 2022 Engineering Institute with 100% Placement
SUSTAINABLE DEVELOPMENT GOALS Times Higher Education (THE) Impact Ranking - 2022 601-800	Institution of Happiness (IOH) QS I-GAUGE ASSOCHAM	Best Industry-Engaged Engineering College L&TEduTech

950+ Offers	40LPA Highest Salary
100+ Companies Visited	5LPA Average Salary

THE KPR GROUP

Avinashi Road, Arasur, Coimbatore, Tamil Nadu - 641 407

kpriet.edu.in /KPRIETonline



Investing using Algo Trading

Algo-trading is the use of predefined programs to execute trades. A set of instructions or an algorithm is fed into a computer program and it automatically executes the trade when the command is met. The algorithm can be based on a number of input points like price, timing, quantity or other metric.

▲ + 9.803.289

▲ + 5.989.834

▲ + 5.123.880

▼ - 2.804.821

Click here to
read full story



DEVESH CHAWLA
FOUNDER & CEO
CHATUR WEALTH & CHATUR IDEAS





ICTACADEMY
OF TAMIL NADU



ICTACADEMY YOUTHTALK 2023

SEASON 8

The 8th season of ICT Academy Youth Talk 2023, the massive talkathon brings the students of higher education on a single platform to compete against each other, exhibit their public speaking skills and evolve leadership capabilities.

Who can participate?

Students of ICT Academy Member Institutions across Tamil Nadu & Puducherry

Winners to get !

Recognized as Youth ICON

Win a complimentary trip to Singapore

Awards & Certifications

How to participate?

- Select a Topic
- Register online for the contest and you will receive the login credentials through email
- Prepare a persuasive content in English
- Record a 3-minute video of your speech
- Upload the unedited video in your YouTube Channel (Mark it as 'Unlisted Video' while uploading)
- Update your YouTube video link with us, using the login credentials provided.

Register at

youth.ictacademy.in

State Research Foundations

An idea whose time has come



SUMALI MOITRA
ADVISOR
R.M CONSULTING
GURGAON

The state-level Ministries of Science and Technology, and Education, could take the lead in setting up State Research Foundations in their respective regions, with the governance mechanism modelled on the lines of what has been decided for the National Research Foundation.

Click here to
read full story






Trends in Data Sciences & Artificial Intelligence

Technological progress is based at an exponential rate, with each year bringing even more changes than the previous one. 2023 is likely to be no different, with some major data science paradigms that every big data specialist should take note of.



DR YOJNA ARORA
ASSOCIATE PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY
MANAV RACHNA UNIVERSITY

[Click here to read full story](#) 

3 Different Ways to Achieve Financial Freedom

If at any point in life you miss the 50*30*20 ratio, that is when you lose your focus on achieving financial goals, and expenses will start over taking.



Click here to read full story



GANESAN THIRU
AUTHOR
STOCK MARKET PROFIT COACH
RESEARCH ANALYST



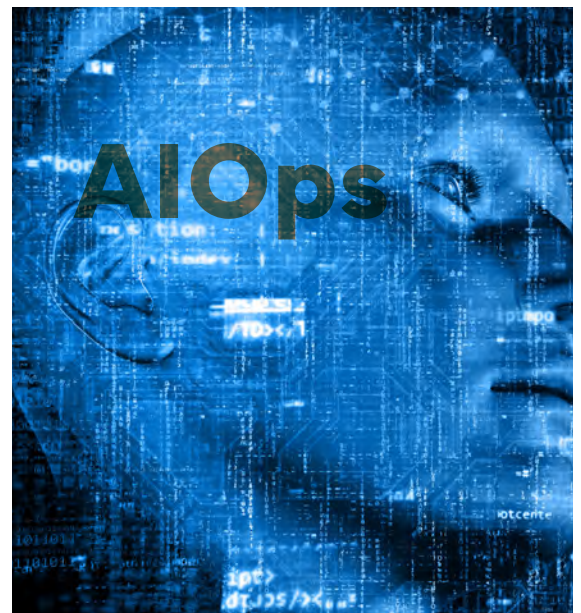
The Power of AIOps

Transforming IT
Operations with
Artificial Intelligence



THIRU KUMARAN MUTHIAH
CHIEF TRANSFORMATION OFFICER
DEW SOFTWARE

AIOps works by enriching data and offering data intelligence. AIOps does not replace developers' roles. Rather, it helps developers save on time, enabling greater observability, and delivery of more accurate results.



Click here to
read full story



RAW STORY FROM A SEASONED LEADER

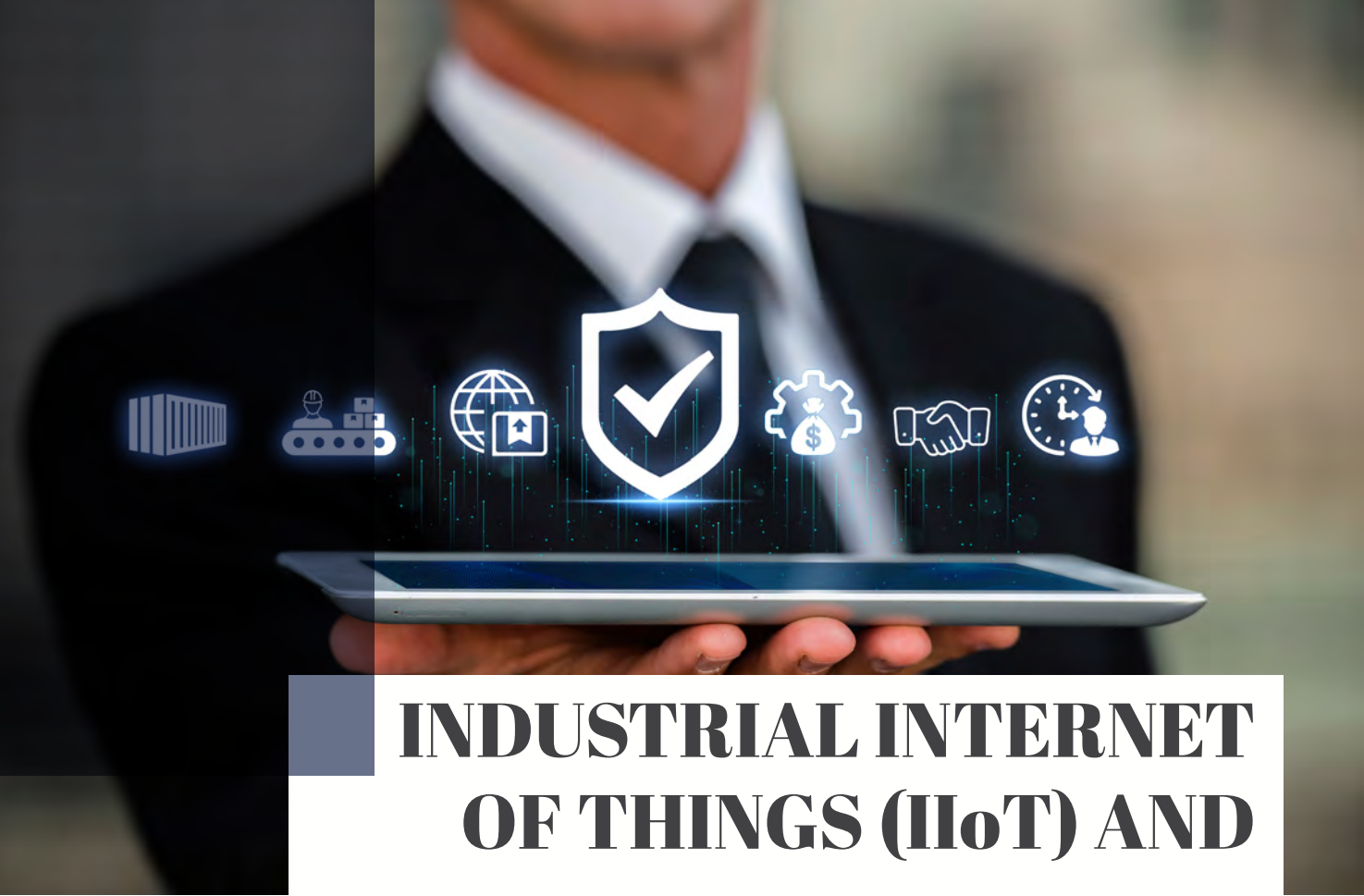
Everyone in this world is a half brick. If you believe you are the complete brick, your growth will come to an end.

Click here to
read full story



BALASUBRAMANIAN JAYAM
FOUNDER OF THE HALF BRICK™





INDUSTRIAL INTERNET OF THINGS (IIoT) AND SMART SYSTEMS

IIoT (Industrial Internet of Things) and smart systems are two closely related concepts that are driving the Fourth Industrial Revolution. IIoT refers to the use of sensors and actuators to collect and analyze data from industrial equipment and processes. This information can then be used to enhance efficiency, productivity, and safety. Smart systems are self-aware and self-managing systems that use IIoT data to take decisions and actions without human intervention.

[Click here to read full story](#)



MS. S.SEEMA
ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE (UG & PG)
DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE
CHENNAI



Artificial Intelligence in Agriculture

Nowadays, Artificial Intelligence is a key term used in most areas. Agricultural industry is not an exception. Food security is a major threat to the globe due to a variety of reasons. Addressing these challenges and ensuring food security through collaborative efforts is the need of the hour.



SOWMIYA.B
ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE
S.I.V.E.T COLLEGE, CHENNAI

[Click here to read full story](#)





EMERGING TECHNOLOGIES AND THEIR IMPACT ON THE SOCIETY

The advent of social media and digital platforms has led to an increase in online harassment and cyberbullying, disproportionately affecting women. To combat such issues, it becomes crucial to channel the potential of emerging technologies in a direction that safeguards women's well-being.

[Click here to
read full story](#)



PREETHI DANIEL
HEAD OF PARTNERSHIPS
I'M SAFE




STUCK IN A RUT OR OUT OF THE BOX THINKING?



DR SUMAN SIWACH
DIRECTOR (ELT) TRAINING & DEVELOPMENT
YOUUNIVERSITY PREP, CAMBRIDGE LEARNING PARTNER
HYDERABAD

World Economic Forum's Future of Jobs Report, 50% of us employed today will need some level of reskilling by 2025, and that soft skills such as critical thinking and problem-solving are the most sought-after traits in employees followed by active learning, flexibility, resilience, and stress tolerance. It answers the question, "why do we need to work on them today?"



[Click here to read full story](#) 


Critical Thinking Pushes us to Unlearn




FLOVIE MARTINS
COMMUNICATIONS STRATEGIST FOR CORPORATES

In today's fast paced life, thanks to 'social journalism' and fewer regulations to curb online content, there is a lot of unauthenticated but instantly available information that we internalize. Further, our decision-making abilities are mostly formed by our entire life's social conditioning – be it at home inherited from family surroundings or via the curriculums that guided our education, or the circle of people we move with and get influenced.



Click here to
read full story 

CYBERSECURITY AND DATA PRIVACY EXPANDING IN CAREER FIELD



The demand for cybersecurity and data privacy professionals is expected to grow in the coming years. As more and more businesses and individuals rely on technology, the need for strong security and privacy measures will only increase.

Click here to
read full story



P.SUGANYA
HEAD IN-CHARGE
DEPARTMENT OF COMPUTER SCIENCE (UG & PG)
DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE
CHENNAI





Can management education prepare you as an entrepreneur?

Compared to management education, entrepreneurial education should be pursued by choice. There is no point in adding it to the regular curriculum for an existing graduate program just to add flavour or build awareness. Such a program would work only as a non-credit program where the students are not pressured to perform.



FLT. LT. SRIDHAR CHAKRAVARTHI
STARTUP COACH
COACH FOR CHANGE

[Click here to
read full story](#)



FACULTY DEVELOPMENT PROGRAM ON MICROSOFT POWER BI DATA ANALYST ASSOCIATE, PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY, DINDIGUL

JUNE 26 - JULY 1, 2023

ICT Academy conducted a 5-day FDP on Microsoft Power BI Data Analyst Associate at PSNA College of Engineering and Technology, Dindigul, between 26 June 2023 to 01 July 2023. The FDP was delivered by Mr. Senthil, Sr. Technical Trainer, Training and Development.

Power BI is a powerful business analytics tool developed by Microsoft. It allows users to visualize and analyze data from various sources, providing interactive reports and dashboards. By learning Power BI, faculty members can enhance their data analyzing capabilities and bring that knowledge into their teaching and research activities.

FACULTY DEVELOPMENT PROGRAM ON R PROGRAMMING, SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU

JUNE 26 - JULY 3, 2023

ICT Academy of Tamil Nadu conducted 5-day FDP on R Programming at Sambhram Institute of Technology in Bengaluru, between 26 June 2023 to 01 July 2023. This FDP was delivered by Ms. Valli E, Sr. Technical Trainer, Training and Development.

ICT Academy has provided an excellent opportunity for faculty members to enhance their knowledge and skills in R programming, enabling them to deliver high-quality education to their students. Participants in the program gained valuable insights into R programming, including data manipulation, visualization, statistical analysis, and more. Such knowledge will empower them to leverage R's capabilities effectively and integrate it into their teaching methodologies.

INAUGURATION OF ATOS PRAYAS FOUNDATION YOUTH EMPOWERMENT PROGRAM, SHAH AND ANCHOR KUTCHHI ENGINEERING COLLEGE, MUMBAI

JULY 3, 2023

ICT Academy successfully conducted the Youth Empowerment Program at Shah and Anchor Kutchhi Engineering College in Mumbai, and awarded certificates to the students. This program was a CSR initiative of Atos Prayas Foundation.

By successfully completing this initiative, ICT Academy has made a meaningful contribution towards nurturing the potential of young individuals, enabling them to become more self-reliant and equipped to face the challenges of the professional world.

Under this initiative, students were trained in Banking, Financial Services, and Insurance (BFSI) sector. The program enhanced the employability and career prospects of the students.

FACULTY DEVELOPMENT PROGRAM (FDP) ON CYBERSECURITY, UNIVERSITY OF DELHI, NEW DELHI

JULY 3-7, 2023

ICT Academy conducted a 5-day FDP on Cybersecurity at University of Delhi, New Delhi, from July 03 to 07, 2023. This program was delivered by Mr. Kumaraguru, Sr. Technical Trainer, Training and Development.

FACULTY DEVELOPMENT PROGRAM ON MICROSOFT POWER BI DATA ANALYST, LLOYD INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

JULY 3-7, 2023

ICT Academy conducted a 5-day FDP on Microsoft Power BI Data Analyst at Lloyd Institute of Engineering and Technology, Greater Noida, between July 03 to 07, 2023. The FDP was delivered by Mr. Raghavendra Singh, Sr. Technical Trainer, Training and Development.

Power BI is a powerful business analytics tool developed by Microsoft. It allows users to visualize and analyze data from various sources, providing interactive reports and dashboards. By learning Power BI, faculty members can enhance their data analysis capabilities and bring that knowledge into their teaching and research activities.

FACULTY DEVELOPMENT PROGRAM ON AWS CLOUD PRACTITIONER, SR UNIVERSITY, WARANGAL

JULY 3-7, 2023

ICT Academy of Tamil Nadu conducted 5-day FDP on AWS Cloud Practitioner at SR University, Warangal, between July 03 to 07, 2023.

By attending this program, faculty members likely had the chance to deepen their understanding of AWS services, cloud architecture, best practices, security, and compliance. This FDP was delivered by Mr. Raghavendra Swamy, Sr. Technical Trainer, Training and Development.

The program covered various aspects of AWS, including its features, benefits, and real-world use cases. Participants had hands-on experience through practical exercises, that enabled them to apply their newly acquired knowledge.

INAUGURATION OF ATOS PRAYAS FOUNDATION YOUTH EMPOWERMENT PROGRAM, SADAKATHULLA APPA COLLEGE, TIRUNELVELI

JULY 11, 2023

ICT Academy successfully conducted the Youth Empowerment Program at Sadakathulla Appa College, Tirunelveli, and awarded certificates to the students. This program was a CSR initiative by Atos Prayas Foundation.

By successfully completing this initiative, ICT Academy has made a meaningful contribution towards nurturing the potential of young individuals, enabling them to become more self-reliant and equipped to face the challenges of the professional world.

Under this initiative, students were trained in Banking, Financial Services, and Insurance (BFSI) sector. The program enhanced the employability and career prospects of the students.

FACULTY DEVELOPMENT PROGRAM ON MICROSOFT AZURE AI ENGINEERING ASSOCIATE AT MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY, PUDUKKOTTAI

JULY 10-14, 2023

The FDP on Microsoft Azure AI Engineer Associate conducted by ICT Academy at Mount Zion College of Engineering and Technology, Pudukkottai between July 10-14, 2023. This training program was delivered by our in-house trainer Mr. Raghavendra Swamy.

During the program, participants have received comprehensive training on various aspects of Azure AI engineering, including designing and implementing AI solutions that leverage Azure Cognitive Services, Azure Machine Learning, and other relevant tools and services provided by Microsoft Azure. The program has covered various topics such as data preprocessing, model training and evaluation, deployment of AI solutions, and managing the AI infrastructure on Azure.

VIRTUAL FACULTY DEVELOPMENT PROGRAM ON DIGITAL PROTOTYPING USING CATIA

JULY 10-14, 2023

ICT Academy for successfully conducted a 5-day Virtual Faculty Development Program (FDP) on Digital Prototyping using CATIA.

Digital Prototyping using CATIA is a valuable skill in today's rapidly evolving technological landscape. By providing faculty members with in-depth training in this area, ICT Academy has empowered educators to effectively teach and guide students in utilizing advanced tools and techniques for product design, testing, and simulation. The skills gained during this program will likely have a positive ripple effect on students as well as they benefit from enhanced teaching methodologies and insights into cutting-edge technologies.

FACULTY DEVELOPMENT PROGRAM ON CYBER SECURITY, SRK INSTITUTE OF TECHNOLOGY, VIJAYAWADA

JULY 10-14, 2023

The FDP on Cyber Security conducted by ICT Academy at SRK Institute of Technology, Vijayawada from 10-14 July, 2023. This training program was delivered by our in-house trainer Mr. Siva Gopal K.

FACULTY DEVELOPMENT PROGRAM ON MICROSOFT POWER BI DATA ANALYST, UTTARANCHAL UNIVERSITY, DEHRADUN

JULY 10-14, 2023

ICT Academy of Tamil Nadu successfully completed the FDP on Microsoft Power BI Data Analyst at Uttaranchal University in Dehradun from 10-14 July, 2023.

By training faculty members in this field, ICT Academy is empowering faculty members to impart practical knowledge to students, helping them understand data analysis concepts and develop skills relevant to the industry. This FDP program training was delivered by Mr. Raghavendra Singh, Training and Development.

Faculty members who participated in this program gained special knowledge in using Power BI and will be able to guide students in harnessing its capabilities for data analysis and reporting purposes.

LAUNCH OF HONEYWELL INDIA YOUTH TECKATHON 2023, LADY DOAK COLLEGE, MADURAI

JULY 18, 2023

Honeywell, in association with ICT Academy, launched the second edition of India Youth Teckathon 2023. The official launch event took place on 18th July, 2023 at Lady Doak College, Madurai.

This groundbreaking open hackathon is aimed at empowering graduate students across India by providing them with the opportunity to build and deploy basic software-based robots, while enhancing their knowledge and skills in Robotic Process Automation.

FACULTY DEVELOPMENT PROGRAM ON STRESS MANAGEMENT, DR. N.G.P INSTITUTE OF TECHNOLOGY, COIMBATORE

JULY 17-19, 2023

ICT Academy conducted a faculty development program on Stress Management at Dr. N.G.P Institute of Technology, Coimbatore from 17-19 July, 2023. This program provided techniques to manage stress and how to implement that in daily life by practicing self-compassion, meditation & self-care.



1. Click the best synonym for **censure**

- A. Criticize
- C. Believe

- B. Write
- D. Strike

2. Which is a synonym of **opine**?

- A. Grant
- C. Promise

- B. Remark
- D. Explain

3. Which is a synonym of **vile**?

- A. Disgusting
- C. Sensitive

- B. Mild
- D. Internal

4. Which is a synonym of **peremptory**?

- A. Unreal
- C. Bossy

- B. Central
- D. Strong

5. Which is a synonym of **panacea**?

- A. Failure
- C. Surprise

- B. Cure
- D. Idea

Answers for Previous Issue

1) D 2) B 3) B 4) C 5) D

Write on ICT Connect

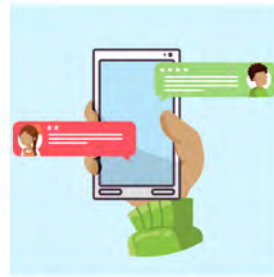
Why?



Get visibility as an author through our social media promotion of your content.



Get featured on ICT Connect website by submitting a self-recorded 30 seconds gist video of your article.



Interact with the readers through the comment section.

For more details write to editor@ictacademy.in



send your articles and feedback to editor@ictacademy.in

www.ictconnect.in

ict connect
"magazine of ict academy"