ICTACADEMY®

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"magazine of ict academy"

IISN : 2394-3904 Volume 14 - Issue 08 I August 2023

DECOLONIZING TECHNOLOGY

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CEO's Message

Greetings!

Success is what every individual aims at achieving in life, for which people usually look out for a blueprint. But the fact is no such blueprint for attaining success exists. Success is an event that is triggered through the combination of three components Knowledge, Skills and Attitude.

Glancing through the generation scape over the decades it is evident that the proportions of the aforesaid components have been consistently changing owing to the technological advancements, disruptions and innovations.

First it was knowledge, skills and attitude each attributed an equal share that led one towards success. Such was the time when acquiring knowledge was a task humongous, and the attitude to be a consistent learner was limited as a result of less availability of resources or the time taken to reach them.

With the technological evolution which has significantly reduced the strain of acquiring knowledge with the advent of providing knowledge as a service. With these technological progressions, acquiring knowledge has become effortless. The effort is now more on honing the skills and developing focus and grit. Attitude with an ever enthusiastic drive to stay atop in any specific domain adapting to the changes with relevance to time is the new blueprint of success.

Happy reading

Hari Balachandran
Chief Executive Officer, ICT Academy

INSIDE

DISRUPTIVE TECHNOLOGIES AND HOW TO MAKE A SUSTAINABLE CAREER 7

9 CAREERS IN CYBER SECURITY SAFEGUARDING THE DIGITAL REALM

TECHNOLOGICAL CHANGES IN EDUCATION AND HOW EDUCATIONAL INSTITUTIONS CAN GROW GLOBALLY 10

11 CLOUD CYBERSECURITY ENSURING CYBER FREEDOM IN THE DIGITAL AGE

THE IMPACT OF CHATGPT IN THE EDUCATION SECTOR 12

ICT Connect
A Monthly Magazine from ICT Academy
August 2023 - Volume 14 Issue 08

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

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13 THE MANY TYPES OF MEMORY

THE FOUR MILESTONES OF ORGANIZATION DESIGN 14

15 THE ESSENTIAL ROLE OF EDUCATIONAL FREEDOM IN TRANSFORMING SOCIETIES

WILL AI REDUCE JOBS OR CHANGE THE NATURE OF WORK? 16

17 HOW TO HANDLE HOMESICKNESS?

RECENT DEVELOPMENTS IN PERIODONTOLOGY WITH ARTIFICIAL INTELLIGENCE (AI) 18

19 THE DARK SIDE OF ARTIFICIAL INTELLIGENCE IN PSYCHOLOGY UNVEILING DISADVANTAGES

20 FREEDOM IN WORK AND BUSINESS A ROAD TO SUCCESS AND SELF-DETERMINATION

FREEDOM OF EDUCATION 21

22 HOW TO BE A RESPONSIBLE NETIZENS

HIGHER EDUCATION – ONLINE LEARNING AND LATEST TECHNOLOGIES AN INSTRUCTOR PERSPECTIV 23

24 SOCIAL RESPONSIBILITY OF A NETIZEN

SHIFT LEFT PERFORMANCE TESTING HOW TO MASTER IT? 25

Disruptive Technologies - How to Make a Sustainable Career

For any technology to be tagged as a disruptive technology, it has to evolve quickly and disrupt various industries within a relatively short time period.

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PRABAHAR MURUGAN
FOUNDER AND CEO
AMIZHTH TECHNO SOLUTIONS

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

ictacademyindia

For details contact, contest@ictacademy.in

Careers in Cyber Security

Safeguarding the Digital Realm

The rise of cyber threats, such as data breaches, ransomware, and nation-state attacks, highlights the importance of cybersecurity careers. The consequences of successful cyber-attacks can be severe, ranging from financial losses to reputational damage.

DR N KUMARESH
PROFESSOR & HOD
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
DR. N.G.P. ARTS AND SCIENCE COLLEGE
COIMBATORE

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Technological Changes in Education and How Educational Institutions Can Grow Globally

With more operations moving online, educational institutions need robust cybersecurity measures. Budget allocations and cybersecurity department are essential to safeguard online learning resources and cyber reputation of institutions.

MRS. SWETHA PRASANNA GANGAVARAPU
GLOBAL DIRECTOR
CONTENT AND BRANDING
CLOUDELY, INC

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CLOUD CYBERSECURITY

ENSURING CYBER FREEDOM IN THE DIGITAL AGE

Cloud computing has rapidly gained popularity, allowing data to be accessed from any location and at any time, without being limited by physical boundaries. This convenience and efficiency, however, come with the risk of cyber threats and breaches that can jeopardize our cybersecurity.

DR. DHIYANESH BALASUBRAMANIYAN
ASSOCIATE PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
DR. N.G.P. INSTITUTE OF TECHNOLOGY

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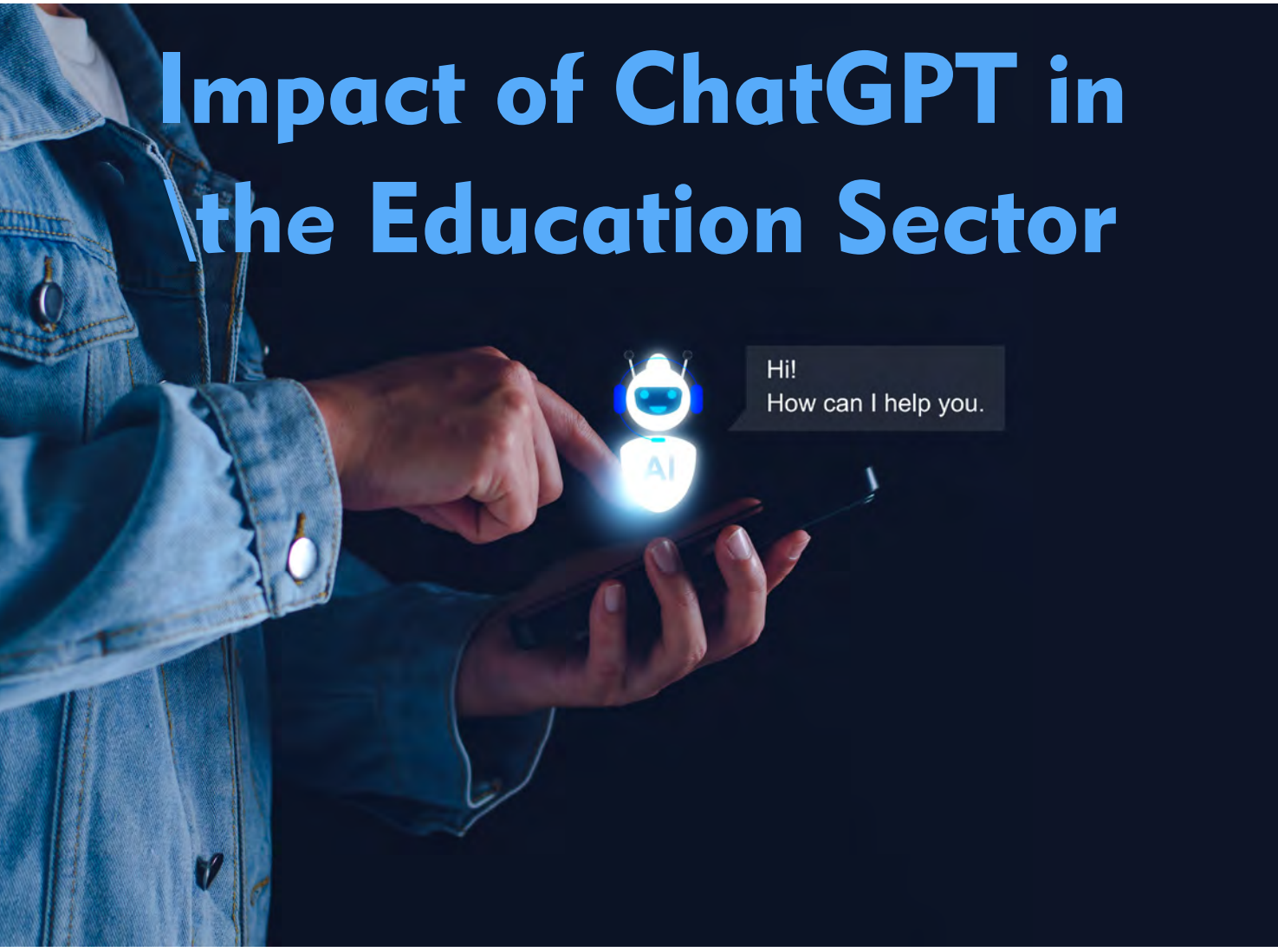
Impact of ChatGPT in the Education Sector



Combining the strengths of ChatGPT with human teaching can create a more comprehensive and inclusive educational experience for all learners. Additionally, ensuring that AI technologies are designed and used responsibly and ethically is crucial to avoid exacerbating existing educational disparities. It is essential to use ChatGPT responsibly and maintain a balance between its use and traditional learning methods.

DR. B. KARTHIGA
IQAC COORDINATOR
DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE

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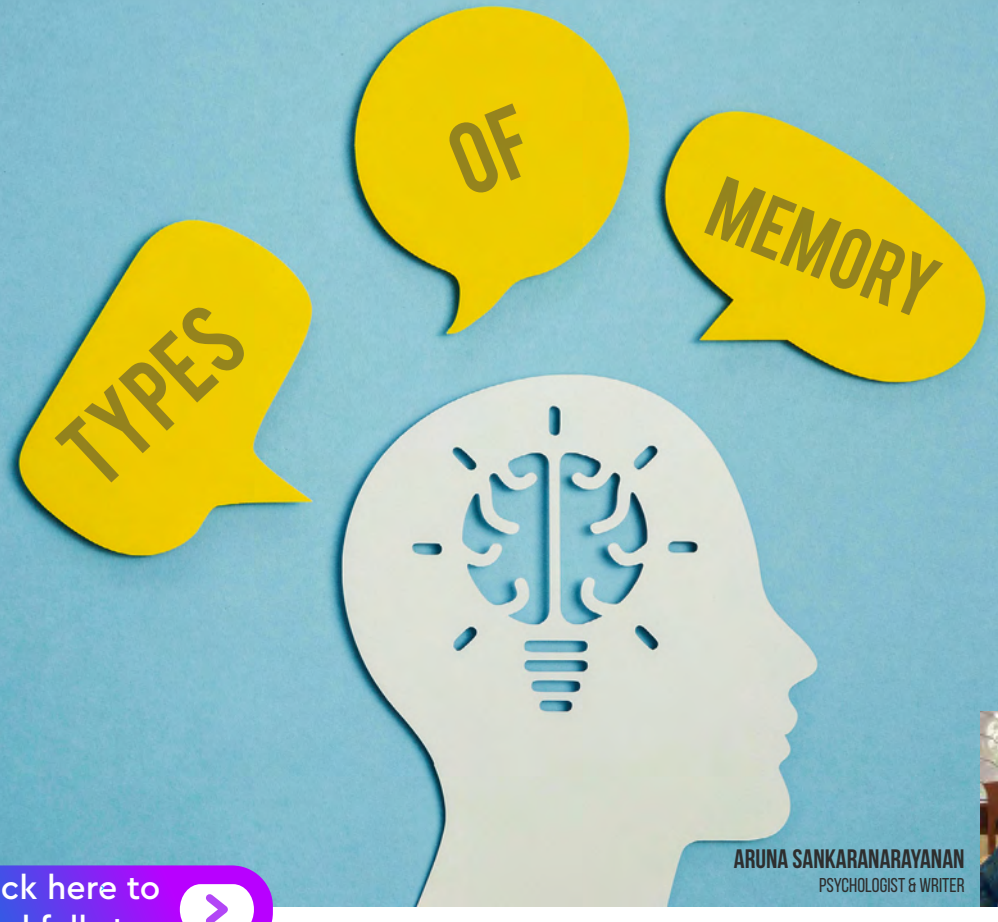
THE MANY TYPES OF MEMORY

Memory is central to human functioning and a core facet of our identities. Over the past few decades, cognitive psychologists and neuroscientists have made great strides in understanding the science behind this mystifying faculty.



ARUNA SANKARANARAYANAN
PSYCHOLOGIST & WRITER

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The Four Milestones of Organization Design

Memory is central to human functioning and a core facet of our identities. Over the past few decades, cognitive psychologists and neuroscientists have made great strides in understanding the science behind this mystifying faculty.

DR. PARTHIBAN VIJAYARAGHAVAN
DIRECTOR, CANVASSN

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The Essential Role of Educational Freedom in Transforming Societies

Educational freedom is critical to promoting economic development. In a fast-changing global economy, an educated workforce is critical for innovation, productivity, and competitiveness.

LAVUDIYA RAMESH BABU
DEPARTMENT OF BIOTECHNOLOGY
KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES

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WILL AI REDUCE JOBS OR CHANGE THE NATURE OF WORK?

The advantages of AI lie in its ability to complement human capabilities, extend our reach, and address challenges in ways that were previously unimaginable. Embracing AI responsibly and ethically can lead to significant progress and advancements across multiple sectors, contributing to a more efficient, sustainable, and inclusive world.

ANAY PATHAK
GLOBAL ACCOUNT MANAGER
DELL TECHNOLOGIES

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HOW TO HANDLE HOMESICKNESS?

RAVI RANJAN GOSWAMI
RETIRED IRS OFFICER
AUTHOR & POET

To fight homesickness, we must remember that it is a natural feeling. Missing home and expressing your emotions about being away from home is all right, but this should not overpower us and make us sickly. To avoid this, we need some distractions.

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Recent Developments in Periodontology with Artificial Intelligence (AI)

K.T. CAROLINE GNANATHEEPA
ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE
S.I.V.E.T. COLLEGE

Artificial Intelligence is being used more frequently across a range of industries as a result of recent advancements in computational understanding and data collecting digitization. Due to its ability to efficiently diagnose and treat a variety of diseases, Artificial Intelligence (AI) has recently gained popularity in the medical and dental fields.

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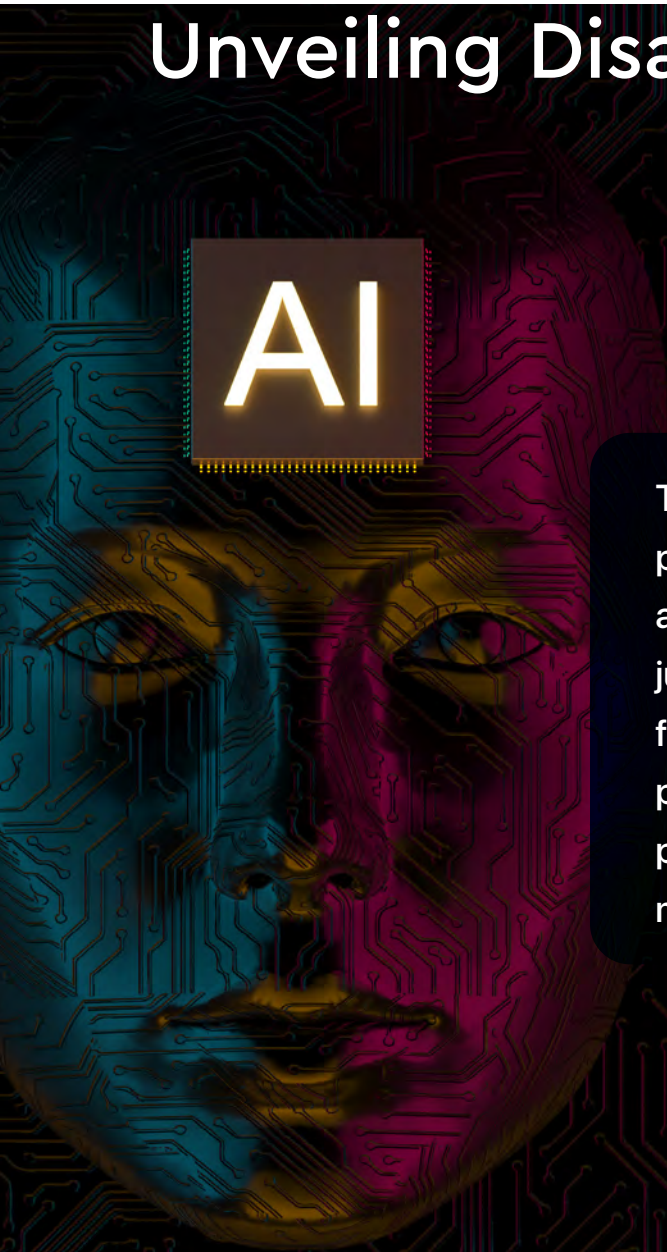
The Dark Side of Artificial Intelligence in Psychology

Unveiling Disadvantages



The application of AI to psychology presents complex moral quandaries and privacy issues. To make accurate judgements and predictions, AI systems frequently need access to sensitive and private data. However, this may result in privacy violations and the possibility of misuse of personal information.

ARCHANA. M
ASSISTANT PROFESSOR
DEPARTMENT OF PSYCHOLOGY
MARUDHAR KESARI JAIN COLLEGE FOR WOMEN

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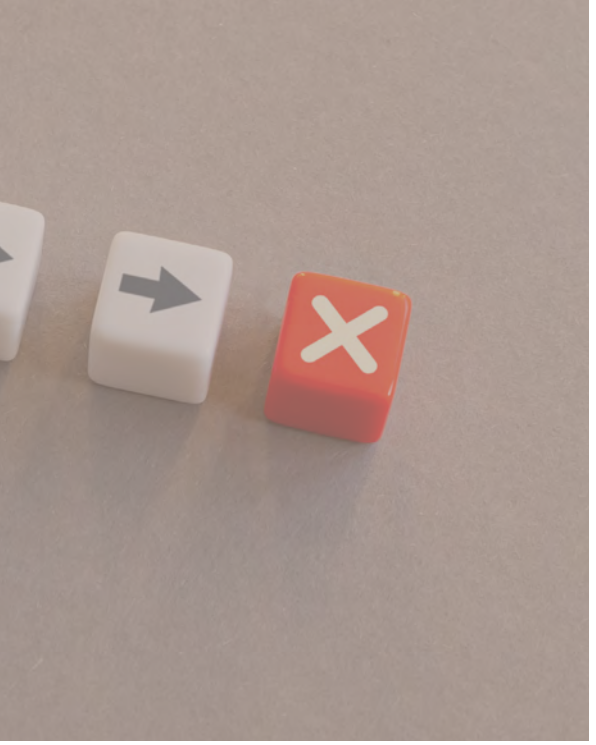
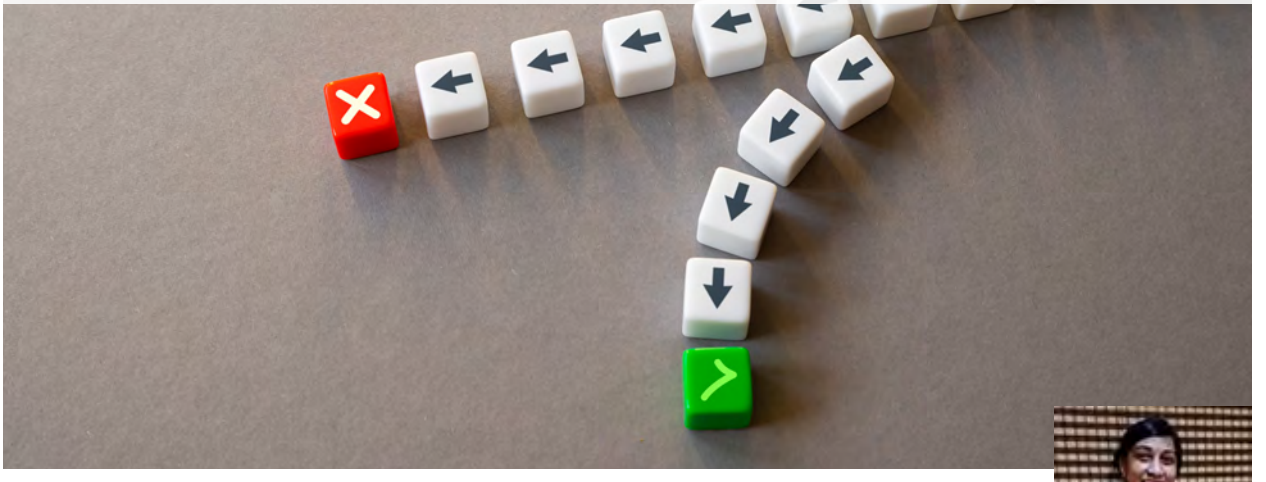


Freedom in Work and Business

A Road to Success and Self-Determination

Modern labour dynamics are founded on freedom in the labour market. It captures the idea that people should have the freedom to select their profession, place of employment, and career path. This freedom is essential because it supports the cornerstones of human rights and gives people the freedom to control their own lives and make use of their special talents and skills.



DR. SWAYAM PRABHA SATPATHY
ASSOCIATE PROFESSOR, COMMUNICATION
DEPARTMENT OF HUMANITIES
SIKSHA O ANUSANDHAN UNIVERSITY

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FREEDOM OF EDUCATION

Freedom of education is important because it empowers individuals to explore their interests, develop critical thinking skills, and contribute to society. It enables people to acquire knowledge, skills, and perspectives that can help them lead fulfilling lives and make informed decisions.

MONIKA. U
STUDENT
B.SC. COMPUTER SCIENCE
AVINASHILINGAM INSTITUTE FOR HOME SCIENCEAND HIGHER EDUCATION FOR WOMEN

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How to be a responsible Netizens

Netizens have a responsibility to promote positive and respectful online behavior. Just as we strive to be good citizens in our physical communities, we should also aim to create a welcoming and respectful digital environment.

SWATHI. S
STUDENT
B.SC. DATA SCIENCE
SRI KRISHNA ADITHYA COLLEGE OF ARTS AND SCIENCE

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Higher Education – Online Learning and Latest Technologies

An Instructor Perspective

Experts predict that global investment on digital education will exceed $350 billion by 2025, demonstrating the expanding importance of technology in the education industry. Hence, gradual curriculum updating is crucial since students' demands change as time and technology progress.

DR. JAI RUBY
ASSOCIATE PROFESSOR
DEPARTMENT OF COMPUTER APPLICATIONS AND RESEARCH CENTRE
SARAH TUCKER COLLEGE

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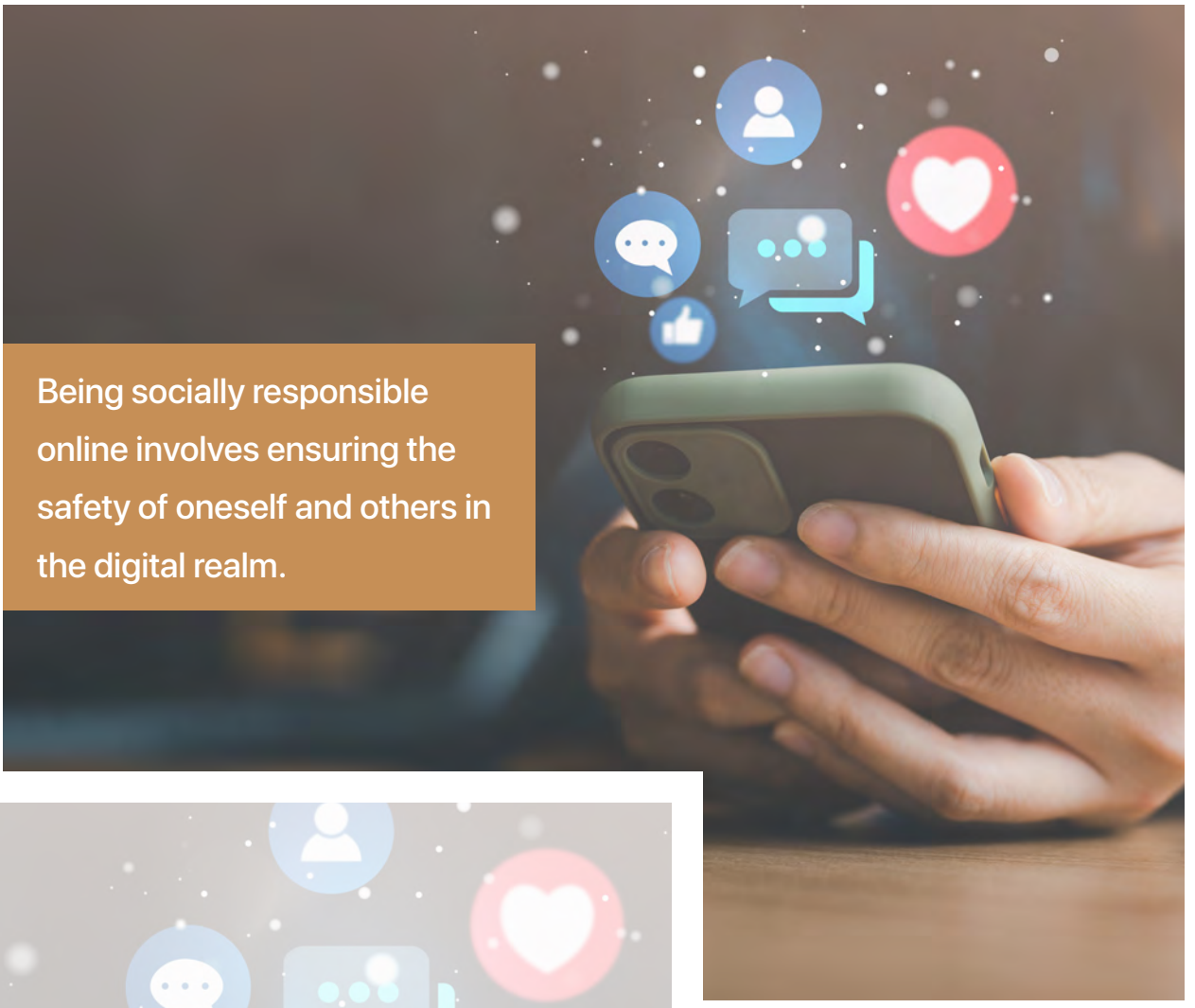
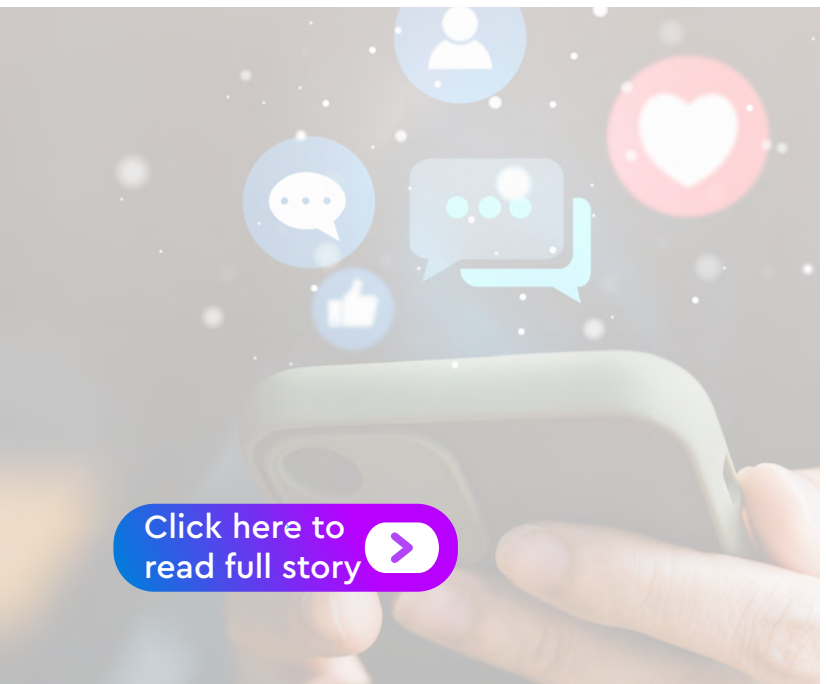
SOCIAL RESPONSIBILITY OF A NETIZEN



Being socially responsible online involves ensuring the safety of oneself and others in the digital realm.



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DR. NAZEEMA T.H
DIRECTOR AT SCHOOL OF ARTS AND SCIENCE
VINAYAGA MISSION RESEARCH FOUNDATION

Shift Left Performance Testing

How to Master it?

In today's fast-paced technological landscape, Shift Left Performance Testing emerges as a powerful approach to ensure robust, high-performing software products.

THIRU KUMARAN MUTHIAH
CHIEF TRANSFORMATION OFFICER
DEW SOFTWARE

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ICT Academy NEWS STAND

INAUGURATION OF HONEYWELL STUDENT EMPOWERMENT P ROGRAM, GNA UNIVERSITY, PUNJAB

AUGUST 7, 2023

ICT Academy successfully inaugurated the Student Empowerment Program - A CSR Initiative Sponsored by Honeywell at GNA University, Punjab on 07 August 2023.

This training provided Advanced IT Skills Training in Data Analytics to graduating students, as it equips them with valuable skills that are highly relevant in today's job market. Such Corporate Social Responsibility (CSR) initiatives play a vital role in supporting education and skill development.

FACULTY DEVELOPMENT PROGRAM ON IDEA GENERATION METHODS, DR.R.V. ARTS & SCIENCE COLLEGE, COIMBATORE

AUGUST 9, 2023

ICT Academy conducted a successful 3-day Faculty Development Program on Idea Generation Methods at Dr. R.V. Arts & Science College in Coimbatore on 9 August 2023.

This program help educators to gain new insights and tools to enhance their teaching and mentorship skills, which ultimately benefits students and the broader academic community.

POWER SEMINAR ON INDUSTRY READINESS, SRI AKILANDESWARI WOMENS COLLEGE, VANDAVASI

AUGUST 10, 2023

ICT Academy conducted Power Seminar on "Industry Readiness" at Sri Akilandeswari Women's College, Vandavasi on August 10, 2023.

Mr. Saravanan's insights into navigating the contemporary job market, especially in a competitive digital landscape, would have been incredibly valuable for the attendees.

FACULTY DEVELOPMENT PROGRAM ON MICROSOFT POWER BI DATA ANALYST ASSOCIATE, MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY, PUDUCHERRY

AUGUST 11, 2023

ICT Academy successfully completed a 5-day Faculty Development Program on Microsoft Power BI Data Analyst Associate at Manakula Vinayagar Institute of Technology, Puducherry on 11 August 2023.

Faculty development programs like these play a crucial role in equipping educators and professionals with the skills and knowledge needed to teach and work effectively with cutting-edge technologies like Microsoft Power BI.

POWER SEMINAR ON MOBILE APP DEVELOPMENT AND CORPORATE EXPECTATION, K.M.G. COLLEGE OF ARTS AND SCIENCE, VELLORE

AUGUST 12, 2023

ICT Academy successfully completed a Power Seminar on Mobile App Development and Corporate Expectation at K.M.G. College of Arts and Science, Vellore on 12 August 2023. Seminars like these are valuable opportunities for students and professionals to learn about the latest trends and expectations in the field of mobile app development, especially in the context of corporate demands. Such events can help bridge the gap between academic knowledge and industry requirements, ultimately preparing attendees for successful careers in the technology sector.

KANINI SOFTWARE SOLUTIONS, LINK PLACEMENT DRIVE, RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU

AUGUST 18, 2023

ICT Academy successfully completed an exclusive Placement Drive in association with KANINI Software Solutions at Rajarajeswari College of Engineering, Bengaluru on 18 August 2023.

This collaboration between ICT Academy and KANINI Software Solutions reflects a commitment to fostering career opportunities for aspiring professionals and strengthening the connection between academia and industry.

MOU EXCHANGE BETWEEN ANDHRA UNIVERSITY AND ICT ACADEMY

AUGUST 24, 2023

The Andhra University entered into MoU with ICT Academy to upskill faculty members and students of the University and its affiliated institutions on emerging technologies. The partnership aims at training faculty members and students on advanced IT skills. Prof. V. Krishna Mohan, Registrar and Mr. Hari Balachandran, Chief Executive Officer of ICT Academy, signed memorandum of understanding in the presence of Prof. K. Samatha, Rector of Andhra University.

The University today announced its partnership with ICT Academy, an initiative of the Government of India, State Governments, and Industries to empower faculty members and students of the University and its affiliated institutions with advanced ITskills. This partnership aims to drive skill initiatives among faculty and the students of the University and affiliated institutions.

The partnership will enable the integration of industry-relevant curricula to educate the faculty members and students on emerging technologies such as artificial intelligence, cybersecurity, robotic process automation, data analytics, etc. As a part of this partnership, ICT Academy will organize outreach programs, certified instructor programs, faculty development programs, and student training and certification programs to make them job ready.

1. _____ is the smallest 6-digit number.

   A. One million
   B. Hundred thousand
   C. Milliard
   D. Hundred

2. Which of these months is named for a Roman emperor?

   A. May
   B. August
   C. April
   D. February

3. The value of radix in binary number system is _____

   A. 2
   B. 8
   C. 10
   D. 1

4. What is the decimal equivalent of the number 3A16?

   A. 58
   B. 39
   C. 310
   D. 49

5. 1024 520 268 142 ? 47.5

   A. 84
   B. 82
   C. 79
   D. 88

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