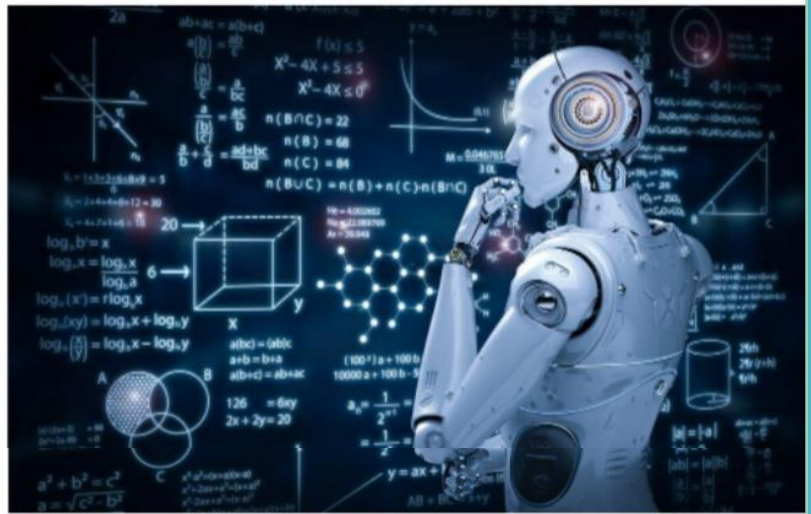
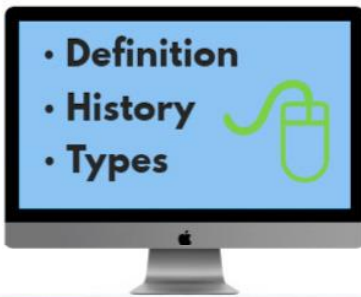


Techno Chronicles

May 2021-2022

E- NEWSLETTER MADE BY DEPARTMENT OF COMPUTER SCIENCE

What is Artificial Intelligence?



Artificial Intelligence (AI) is a way of associating features such as learning, motion, etc. that human beings possess with a computer or a computer controlled robot.

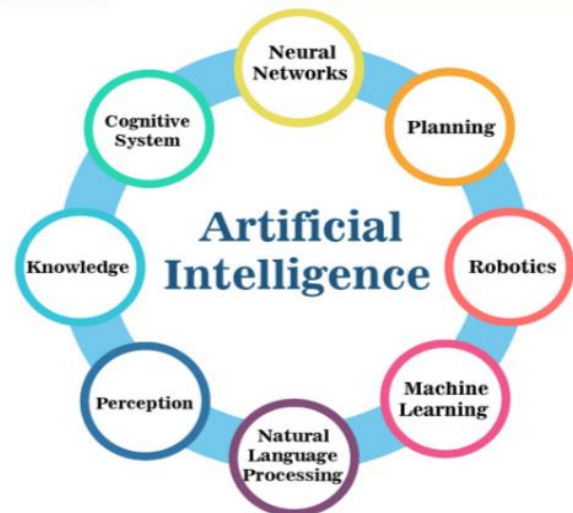
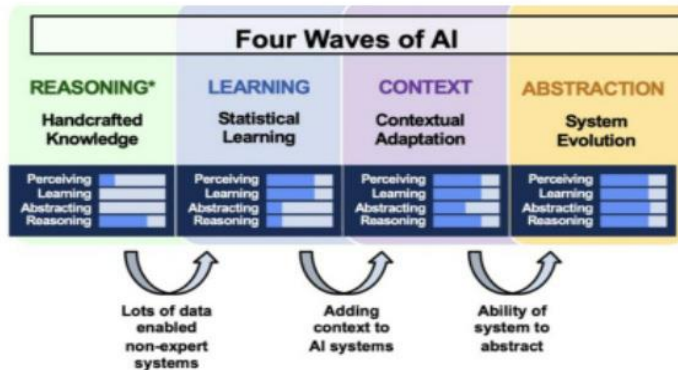
Types of Artificial Intelligence

- Theory of mind
- Purely Reactive
- Self- Aware
- Limited Memory

Applications of Artificial Intelligence

- Cyber Security
- Online Customer Support
- Virtual Assistants
- Banking Fraud Detection

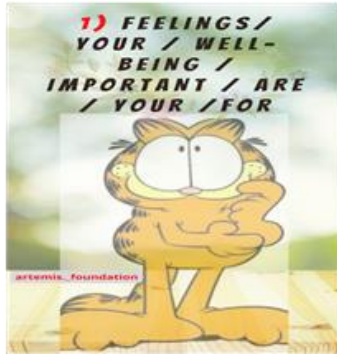
Artificial Intelligence Evolution



Scratch Your Brain



Fun Tech Facts



1. The **Firefox** logo isn't a fox... it's a red panda!

2. Alexa is always listening to your conversations. **Alexa** stores all of your dialogue history in the cloud to improve the Alexa experience.

3. On average, people read 10% slower from a **screen** than from paper.

QUIZ

1) Artificial Intelligence is about _____.

1. Playing a game on Computer
2. Making a machine Intelligent
3. Programming on Machine with your Own Intelligence
4. Putting your intelligence in Machine

Answer: b. Making a machine Intelligent.

3) Select the most appropriate situation for that a blind search can be used.

1. Real-life situation
2. Small Search Space
3. Complex game
4. All of the above

Answer: b. Small Search Space

2) Who is known as the -Father of AI"?

1. Fisher Ada
2. Alan Turing
3. John McCarthy
4. Allen Newell

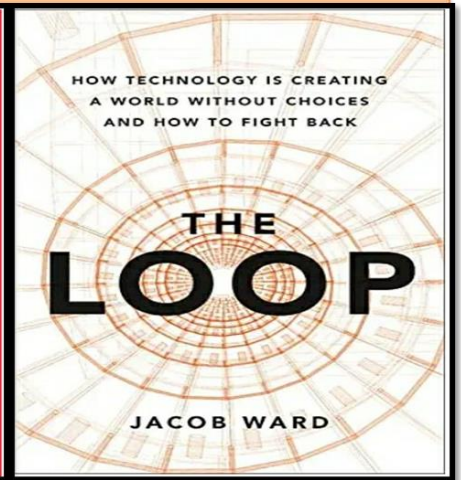
Answer: c. John McCarthy

4) Among the given options, which search algorithm requires less memory?

1. Optimal Search
2. Depth First Search
3. Breadth-First Search
4. Linear Search

Answer: b. Depth First Search

Books on technology that must be in your reading List in 2022



HBR Year in Tech 2022 covers more than a few interesting topics. It is more focused on tech future and trends (a lot more thought provoking ideas in a second part of the book, than at first). Or what is about to come and hit big.

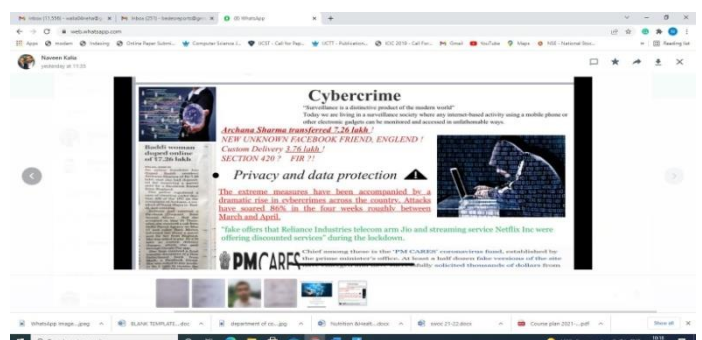
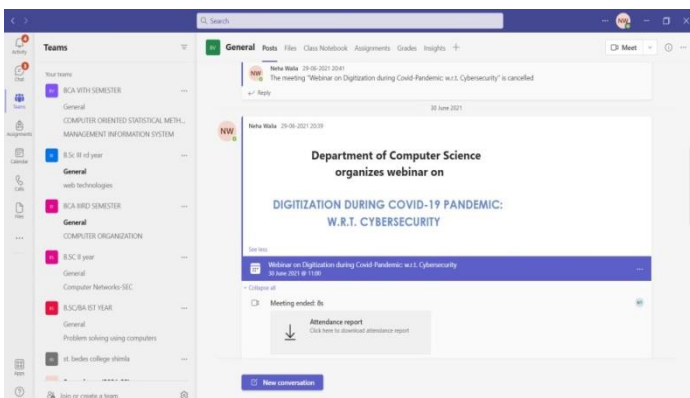
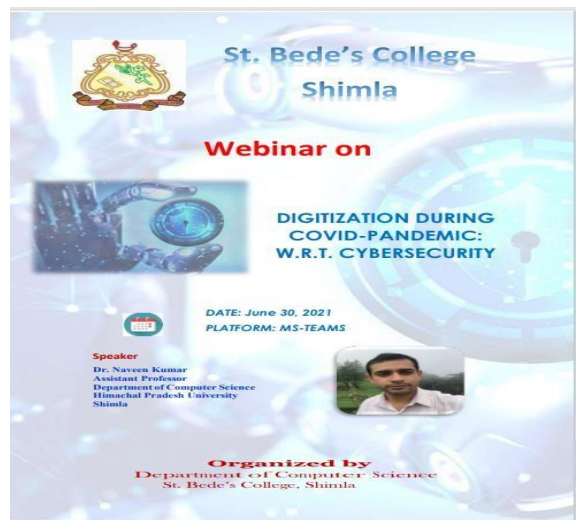
From award-winning journalist and author of the “methodical, earnest, and insightful” (The Guardian) Panic Attack, an examination of recent kneejerk calls to regulate Big Tech from both sides of the aisle.

This eye-opening narrative journey into the rapidly changing world of artificial intelligence reveals the dangerous ways AI is exploiting the unconscious habits of our minds—and the real threat it poses to humanity.

DEPARTMENTAL ACTIVITIES FOR THE SESSION 2021-22

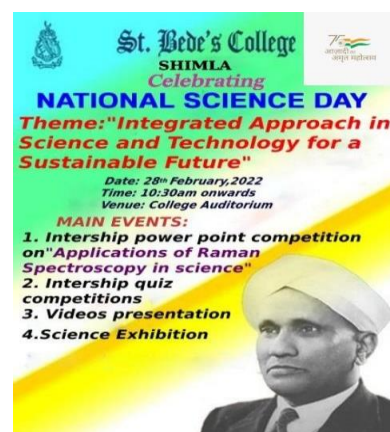
• WEBINAR FOR STUDENTS

Department of Computer Science organised a Webinar for the students of BCA, B.Sc., B.A., BBA and M.Com students on “Digitization during Covid-19 Pandemic: w.r.t. Cybersecurity” on June 30, 2021 at 11:00 am.



• NATIONAL SCIENCE DAY CELEBRATIONS

Students of BCA IVth semester displayed exhibition on Technology to celebrate National Science Day on the theme “Integrated Approach in Science and Technology for a Sustainable Future” on February 28, 2022.



• TECH KNOW'S HOW CLUB ACTIVITIES

National Macintosh Day was celebrated on January 23, 2022 by the department by organising various competitions like article writing, video making and collage making on the theme “Era of Macintosh”



An Inter-departmental activity with department of Chemistry on “2D-3D Animations” was organised on March 10, 2022, in the seminar room by Mr. Nishant Sharma, Assistant Professor, Department of Chemistry who highlighted the uses of 2D and 3D animations, softwares for 2D animations like illustrator, Photoshop etc. and 3D animations like Maya, Blender, Cinema 4D etc.

- An Inter-departmental activity with department of Chemistry on “2D-3D Animations” was organised on March 10, 2022, in the seminar room by Mr. Nishant Sharma, Assistant Professor, Department of Chemistry who highlighted the uses of 2D and 3D animations, softwares for 2D animations like illustrator, Photoshop etc. and 3D animations like Maya, Blender, Cinema 4D etc.



- Students of BCA presented the “Evolution in Technology” through exhibition in the computer lab on March 11, 2022. Charts displaying various components of motherboard, evolution of computers were displayed. CMOS battery, Processing devices used in different generations, DIMM RAM, SATA cable, evolution of phones and mobile phones, earphones, printers were also presented in the exhibition. Analog computer was also displayed in the exhibition.



- Department of computer science organized library activity for students



EXTENSION ACTIVITIES

Paper Recycle unit of the college organised a workshop on recycling of wastepaper on April 26,2022 in the paper recycle room. Through demonstrations students were made aware about crushing of wastepaper, making of pulp/slurry, cleaning of pulp and drying of paper. Faculty members and the students of BCA actively participated in making recycled paper



SOCIAL RESPONSIBILITY

Department of Computer Science organised a seminar on “Artificial Intelligence” for the students of Class IX to XII of Government Senior Secondary School, Chotta Shimla on April 4, 2022 in the school auditorium. Ms. Neha Walia and Ms. Nivedita Bhardwaj accompanied the students. Presentation was delivered by the students of BCA VIth and IVth students on the topic “Artificial Intelligence”. Past, present and the future of artificial intelligence was discussed with the students. The students of the school were also made aware about the technical courses run in the college. Faculty members and the students of the school actively participated in the seminar. The objective of the seminar was to make students aware about the upcoming technologies/trends in IT industry



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