

Math PAGE Workshop

Date : 20/12/25 ; Day : Saturday

Duration : 1 day workshop

PARTICIPENT: P.k.kranthi attended for Math workshop



Session 1

Resource Person: Vasu, *Completed M.Sc Mathematics in Osmania University.*

He has 35 years of experience in teaching JEE Mains.

Contributions in topics to PM which are important for the nation.

Topic: Importance of AI (Companies such as TESLA are contributions to the modern technology.)

3rd Generation of AI:

How AI works:

Data Input
Data recognition
Decision/Action
Self-correction

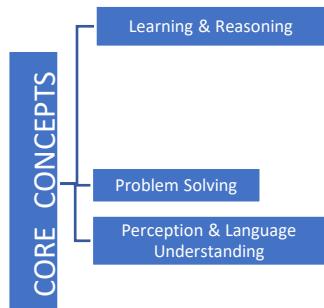
Examples in Daily life:

Virtual assistants : Siri, Alexa, Google

Assistant, Cortana etc.

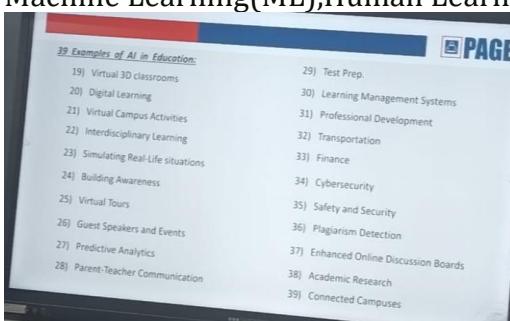
Recommendation Engines : Netflix, Amazon prime etc

Spam Filters



Key Branches & Terms :

Machine Learning(ML), Human Learning(HL)



AI Timelines:

Discussed about AI timelines and the generations of AI.

Why AI in Education?

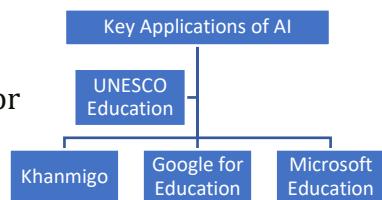
- Uses smart technology to personalize learning.
- Automate tasks like grading.

- Provide 24/7 tutoring via chatbots.
- Demand for personalized learning experience.
- Improving engagement.

9 Benefits of AI in Education:

Kerala became 1st State to have completely digital, hi-tech classrooms in all public schools.

Discussed about MALFADI Surface Project and free AI tools for education to the students.



Ramanujan's Magic Square

(DD/MM/CC/YY)

Row	Col 1	Col 2	Col 3	Col 4
Row 1	DD	MM	CC	YY
Row 2	YY+1	CC-1	MM-3	DD+3
Row 3	MM+2	DD+2	YY+2	CC-2
Row 4	CC+1	YY-1	DD+1	MM-1

Session 2

Resource Person: Sonali (Psychologist)



Topic: Managing challenging students behaviour.

5R's Framework: Rights

- Rules
- Relationships
- Responsibilities
- Routines

Learnt Evidence-based strategies to manage challenging behavior of the students

Build Positive Relationships to Prevent Problems

The Research
Students with strong teacher relationships demonstrate better attitudes, improved behaviour, and higher academic achievement across all subjects.

Proven Strategies

- Greet students at the door with a smile
- Learn names quickly and use them often
- Listen actively to student concerns
- Show genuine interest in their lives

Treat Teens Like Adults
Respecting adolescents as emerging adults earns their trust and respect, dramatically reducing defiance and suspensions.

CERTIFICATES GIVEN BY PAGE



-----THE END-----