



Desk Research

Student Development Program 6
Semester 2

Topic: TED TALK
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INTRODUCTION

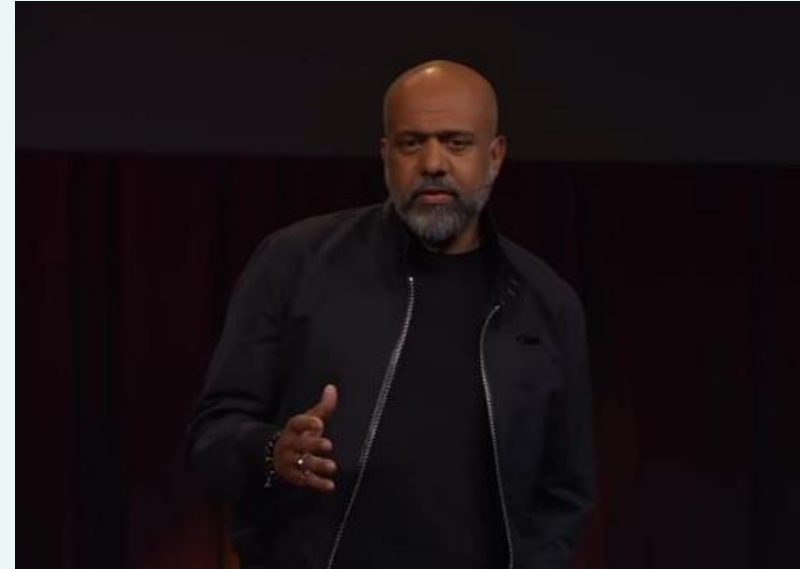
Sectors Covered:

- Technology
- Education
- Science
- Health and Wellness
- Business and Entrepreneurship
- Environmental Sustainability
- Social Issues and Activism
- Art and Creativity
- Economics
- Psychology and Mental Health
- Innovation and Design
- Communication and Relationships
- Entertainment and Media
- Global Issues

The TED TALKS logo is displayed on a black rectangular background. The word "TED" is in a bold, red, sans-serif font, and the word "TALKS" is in a white, sans-serif font.

Sector: Technology

The Disappearing Computer-and a World Where You Can Take AI Everywhere by Imran Chaudhri



OBJECTIVE:

- To Understand Disappearing Computer Concept
- To Exploring AI Integration
- To Learning Innovative Design Approaches

CASE STUDY SCENARIO :

Imran Chaudhry's TED Talk explores the transformative potential of integrating artificial intelligence (AI) seamlessly into our daily lives.

PROBLEM:

- Privacy Concerns
- User Resistance
- Technological Advancements
- Trust Building
- Market Competition



Name: Anushka Sunil Kapadane

Inference:

- Emphasizing a screenless, seamless, and sensing experience, the device aims to integrate AI into daily life, making interactions natural and intuitive.
- Chaudhri envisions a future where AI becomes ambient and contextual, enhancing our ability to be present in the moment

OUTPUT:

- He discusses the vast advancements in the AI space, highlighting the significance of OpenAI's GPT technology.
- The device allows for natural interactions, from voice commands to hand gestures, making the entire world an operating system

LEARNING OUTCOME:

- The device is designed for artificial intelligence (AI) and operates independently without the need for a smartphone.
- Chaudhri envisions a future where technology becomes almost invisible, unlocking new possibilities for human-computer interaction

Roots of Confidence: The impact of Early Education on Young Minds.

Introduction:

- Sneha Biswas, CEO of Early Steps Academy, shares insights on "Education and Confidence."
- Emphasizes the profound link between education, family trust, and confidence.

Case Study Scenario:

- The speaker Sneha Biswas shares her personal experience that how her mother helped her to build confidence from the early stages which leads to her successful career and to face the real world.

Objective :

- To understand how confidence influences academic performance, classroom engagement, and overall learning experiences.
- To Investigate the correlation between confidence levels and academic performance in students.

Problem:

- Parents focus on finding the best school but miss confidence-building.
- Schools miss is to build the confidence in children to face the real world.

Roots of Confidence: The impact of Early Education on Young Minds.

Solution:

- Establish judgment-free zones for open expression and Challenges.
- Teachers should provide encouragement and motivation to students who face challenges or setbacks.
- Customize classrooms for different learning styles to enhance individual strengths.

Learning Outcome:

- Acknowledged the lack of confidence-building in traditional education.
- Understood how parental involvement influences confidence.
- Recognized the lifelong impact of early education on confidence.

Understand the potential long-term benefits of confidence-build

Why students should have mental health days by hailey hardcastle

OBJECTIVE:

- Emphasizes the importance of mental health days for students.
- Highlights the need to prioritize students' emotional well-being.
- Advocates for a holistic approach to education.
- Urges acknowledgment and support for emotional health.
- Stresses the significance of a well-rounded education that goes beyond academics.

INFERENCE:

- Emphasizes the need to acknowledge and address students' mental health within education.
- Advocates for the introduction of specific days dedicated to mental health.
- Believes that addressing mental health contributes to a more supportive educational environment.
- Stresses the importance of a well-rounded approach that benefits both academic success and overall well-being.

**LEARNING
OUTCOMES:**

- Learn how mental well-being influences both school performance and overall happiness.
- Recognize the need to balance academic success with emotional well-being for a fulfilling education.
- Find practical ways to introduce mental health days and create a supportive school environment.

Input:

- Allow students designated days to focus on their mental well-being.
- Establish formal school policies supporting mental health breaks.
- Recognize the importance of prioritizing students' mental health.
- Encourage practicing emotional hygiene without stigma.
- Aim to create an environment where seeking mental health support is normalized.

Output:

- Argues for the inclusion of mental health days in educational systems.
- Urges a change in how we prioritize students' well-being within the education system.- Highlights the significant influence of mental health on academic achievements.
- Emphasizes the role of mental well-being in fostering personal growth.
- Advocates treating mental health as a fundamental necessity, not a luxury, for a more compassionate educational environment.

Case study scenario :

The school introduced mental health days and support programs, leading to better student well-being and academic performance. With workshops and counseling services, students developed coping mechanisms, resulting in a positive school culture and decreased dropout rates .

"Harmony Within: Nurturing Health and Wellness"

OBJECTIVE:

- To understand the factors that lead to health and wellness, Including mental health, Emotional, Spiritual well being, beyond just physical fitness
- Doable tactics to support your well-being

INPUT:

- Willingness to actively participate
- Adopt Holistic approach

Output

- fundamental change in how we perceive health, moving beyond mere absence of illness to actively pursuing holistic well-being.
- The goal is to inspire individuals to make healthier lifestyle choices, creating a positive impact on both individual lives and society as a whole.

CASE STUDY SCENARIO

- buried in their work and finds it difficult to strike a healthy work-life balance.
- person struggles with anxiety, restless nights, and a general deterioration in their emotional and physical well-being.

LEARNING OUTCOMES:

- Deep comprehension of the holistic aspect
- Gaining practical knowledge and skills
- Modify your lifestyle

TITLE: HOW I BECAME AN ENTREPRENEUR AT THE AGE OF 66- PAUL TASNER

OBJECTIVE:

- To Inspire individuals of all ages to pursue entrepreneurial dreams.
- To know that even after the age of 66 one can run his/her own business irrespective of how long the business would sustain.
- To Challenge and reshape societal perceptions about age and entrepreneurship.

CASE STUDY SCENARIO:

- Paul Tasner , after four decades of working for others, embarked on a new chapter by founding his startup in his mid-sixties.
- This case study scenario exemplifies how combining extensive experience with passion can lead to successful entrepreneurship, challenging the conventional narrative.

PROBLEM:

- The prevalent belief that entrepreneurship is primarily a young person's endeavor creates doubts and hesitations among older individuals.
- The problem lies in the societal perception that innovation and success are exclusive to the younger demographic.

INFERENCE:

- From Tasner's journey, it is inferred that age should not be a barrier to entrepreneurial pursuits.
- The '70 over 70' concept challenges the norm and suggests that accomplishments in entrepreneurship should be celebrated regardless of age, reshaping societal perspectives on late-in-life startups.

INPUT:

- Tasner's TED talk serves as a crucial input, providing insights into his personal journey and challenging societal norms.
- It serves as a catalyst for reframing perceptions about age and entrepreneurship.

OUTPUT:

- The anticipated output is a shift in mindset, where individuals are inspired to pursue entrepreneurship at any age.
- This could lead to increased diversity in the entrepreneurial landscape, with a greater acknowledgment of the value that seasoned professionals bring to innovative endeavours.

LEARNING OUTCOMES:

- Understanding the importance of experience in entrepreneurship.
- Challenging stereotypes associated with age and innovation.
- Recognizing the potential for late-in-life startups to make significant contributions in the global marketplace



Name: Ketan Mahendra Jadhav

Al Gore-The Case for optimism on Climate Change

BACKGROUND:

- Former Vice President of the United States (1993-2001).
- Co-recipient of the Nobel Peace Prize in 2007 for environmental advocacy.
- Founder of The Climate Reality Project, a non-profit organization.

OBJECTIVE:

- To address the urgency of climate change,
- To inspire optimism and hope in effective solutions,
- To promote innovative sustainability technologies
- To empower individuals to make sustainable choices in their daily lives.

LEARNING OUTCOME:

- Emphasize the importance of global cooperation in addressing climate change

CASE STUDY SCENARIO:

- Al Gore emphasizes optimism in addressing global climate change challenges.
- Positive developments highlighted include advancements in renewable energy and international efforts.
- Gore intertwines scientific evidence with empowerment, urging bold actions, global cooperation, and policy advocacy for a resilient future.

LEARNING OUTCOME:

- Emphasize the importance of global cooperation in addressing climate change

Education With Intention

OBJECTIVE:

- To Explore the concept of education with intention.-
- To Understand the need for a paradigm shift in educational practices.

CASE STUDY SCENARIO:

- Illustrate a school implementing intentional education methods.
- Highlight personalized learning, critical thinking, and community involvement.

PROBLEM:

- Address the limitations of traditional education models.
- Emphasize the disconnect between current practices and meaningful learning outcomes.

INFERENCE:

- Dr. Varadarajan advocates for purposeful education to foster holistic development.-
- The talk encourages reevaluating teaching methods and priorities.

INPUT:

- Dr. Varadarajan's expertise in education and research.-
- Real-world examples supporting the concept of intentional education.

OUTPUT:

- A call to action for educators, policymakers, and communities to embrace intentional education.-
- A shift towards a more engaging, holistic, and purpose-driven learning environment.

LEARNING OUTCOMES:

- Gain insights into personalized learning benefits.-
- Understand the impact of intentional education on student well-being and community development.

AI Unleashed: Catalyzing Exponential Economic Growth: A Ted Talk

OBJECTIVE:

- To Analyze the Current State of AI Adoption in India
- To Identify Economic Growth Opportunities through AI

PROBLEMS:

- Simplification of Complex Economic Concepts
- Keeping Information Updated
- Managing Controversy
- Addressing Diverse Audiences

CASE STUDY SCENARIO:

- In Cathie Wood's Ted talk on "Why AI Will Spark Exponential Economic Growth," she highlighted how artificial intelligence (AI) has the potential to drive significant economic expansion.
- Wood likely discussed how AI innovations can enhance productivity, streamline processes, and create new industries, leading to a surge in economic growth.
- The talk may have explored the transformative impact of AI on various sectors, emphasizing its role as a catalyst for exponential economic development.

Learning outcome:

- AI Adoption Landscape in India
- Economic Opportunities and Contributions of AI
- Impact on Employment and Workforce Dynamics

Outcome:

- Artificial Intelligence is not just a buzzword but a game-changer for our economy.
- AI isn't just about automation; it's a catalyst for creativity, innovation, and a brighter economic future.
- Have explore the challenges, opportunities, and my vision for a world where AI sparks exponential economic growth.

Inputs:

- Cathie's Ted talk on "Why AI will spark exponential economic growth"
- She has published several research papers on disruptive technologies and their potential impact on various industries.

PSYCHOLOGY AND MENTAL HEALTH

Objective

- To Identify
- To Understand

Case study scenario

- Daniel Levitin's explain how stress impacts decision-making through his personal story of forgetting keys and passport.
- The concept of "pre-Mortems" is introduced as a tool to
- Make better decisions under stress

Problem

- Stress Hormone
- Cloudy Judgment
- Panic



Inference

Expecting negative scenarios ahead of time can help reduce anxiety and create a sense of control when things happen.

Input

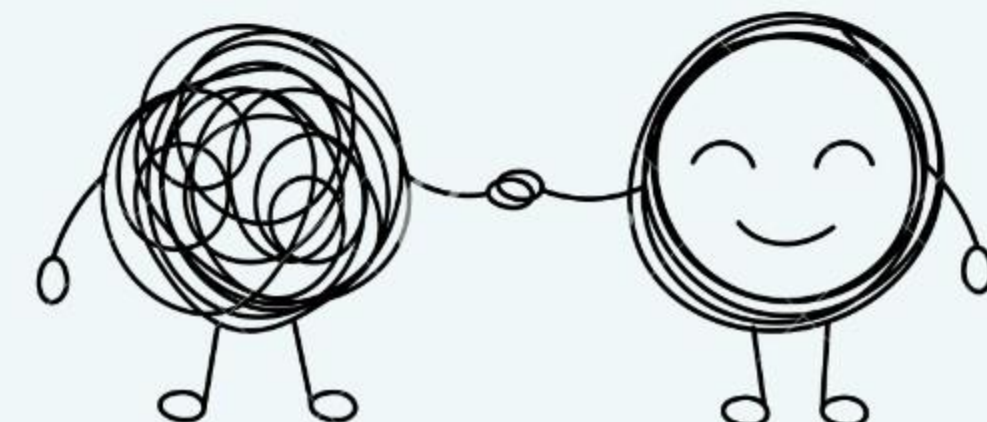
- Scientific research
- Multi-faceted approach

Output

- Reduces stress and anxiety
- Improves decision-making
- Helps you stay calm and focused under pressure

Learning Outcome

- Proactive Problem-Solving
- Imagining the Worst





Title Of The Research : The Future Of Machines That Move Like Animals“

OBJECTIVE :

- To create robots that are smart and adaptable, taking inspiration from how animals move.
- To explore real-world applications of these insights, especially in manufacturing and healthcare industries.
- To envision and drive future breakthroughs and innovations, reshaping industries with advanced technologies.

CASE STUDY SCENARIO :

- Robert Katzschmann talks about making robots that move like animals. How? Well, he and other engineers are getting ideas from how animals move and behave.
- Imagine robots that are not just smart but move in a way that's as flexible and efficient as animals. They're taking inspiration from nature's playbook to make these robots super agile.

INFERENCE :

- Biomimicry challenges traditional approaches in innovation and design.
- Animal-inspired machines have transformative potential across industries.

INPUT :

- Research and Soft Robotics Lab.
- Concepts of biomimicry and its transformative potential.
- Fluid-driven soft robotics and biomimetic systems insights.

OUTPUT :

- Soft robotics, Sensor fusion, Safe interfaces, and Collaboration.
- Inspiration for Innovation.

LEARNING OUTCOME :

- Awareness of soft robotics, biohybrid systems, and neuromorphic engineering.
- Recognizing key challenges in replicating animal movements.

“How to Speak so that people want to Listen” by Julian Treasure

OBJECTIVE:

- To analyse the TED Talk.
- To explore good and bad habits of communication.
- To utilize the concepts and principles discussed in the talk in practical situations.

CASE STUDY SCENARIO :

- Communication is that powerful tool that can help to build good relations or spoil the existing relation.
- Effective communication is the want of the time which is useful not only in personal but also professional life.

PROBLEM:

- Misunderstanding
- Mistrust
- Lack of emotional connection.
- Resentment
- Negative work culture.

“How to Speak so that people want to Listen “ by Julian Treasure.

**Name : Kaustubh
Sukhatankar**

Solution:

- Encourage openness, empathy, active listening.
- Use I statement, clear Expression and non verbal communication too if required.
- Enhance understanding, strengthened relationship, increased collaboration and improved problem solving.
- Mastering effective communication in relationship .

Learning Outcome:

- Accepted and approved the importance of effective communication in smoothening the relationship.
- Admit the fact that effective communication can be the cause for improving relationship or spoiling an existing one.
- Understood the importance of effective communication .

Title: Social media is making us unsocial

OBJECTIVE:

- Investigate the shift from personal connections to digital engagement.
- Mental health impact on people because of spending lots of time.
- Encourage people to be careful with

CASE STUDY SCENARIO :

- She noticed a preference for online connections over personal .
- Paradox of social media improving & harming relationship.

INFERENCE :

- How social media is changing our lives.
- Negative effects on mental health particularly among teenagers.

PROBLEM :

- Prioritization of online over personal connections & and negative impact on mental health and relationships
- Superficial engagement with social causes.

OUTPUT:

- Social media is improving our world and also harming our relationships.
- Impact on mental health with rising depression and cyberbullying

LEARNING OUTCOME:

- Understanding the impact of social media on relationships.
- Awareness of mental health issues like depression, loneliness and cyberbullying.
- Encourages reflection on the effectiveness and commitment behind online activism



CONCLUSION



THANKYOU!

TEAMMATES:

Mentor: Dr. Sarita Samson

SECTORS	NAMES
<ul style="list-style-type: none">• Technology• Education• Science• Health and Wellness• Business and Entrepreneurship• Environmental Sustainability• Art and Creativity• Economics• Psychology and Mental Health• Innovation and Design• Communication and Relationships• Entertainment and Media	<p>Anushka Kapande Isha Gupta Kausikha Bhowmick Siddhi Bhesoram Yashika Singh Ketan Jadhav Yash Jain Pooja Kabadi Shruti Phate Bhavesh Dinkar Kaustubh Sukhatankar Prathamesh Chothe</p>