**K. S. SCHOOL OF ENGINEERING AND MANAGEMENT**
**Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka;**
**Accredited by NAAC**
**www.kssem.edu.in**
**DEPARTMENT OF MANAGEMENT STUDIES & RESEARCH CENTRE**
**KNOWLEDGE BYTES REPORT**
**Date: 6th Feb. 2023**

**Dr. SHEKAR H S**

**Topic: Current Issues in Education Sector**

ChatGPT(Chat Generative Pre-trained Transformer) is a chatbot developed by openAI and launched in November, 2022. After giving a prompt it will give answers in seconds.It can also answer follow-up questions. It can challenge incorrect premises. Education sector as well as the other sectors (legal and business) has been disrupted. Users must decide whether it is a saviour or it may ruin the way we work.

Some of the current issues that are gaining significance in the education sector are:

1. Iot, AI and ML
2. ChatGPT and the underlying challenges in teaching, learning, examination and evaluation
3. Foreign universities in India
4. Capacity building, skilling, upskilling and reskilling
5. Entrepreneurship

**S. RAJA MOHAN**
**ASSOCIATE PROFESSOR**
**Topic: FACTOR ANALYSIS**

After Selecting the research Problem, next job is to identify the suitable variables-dependent, independent and intermediary variables in connection with the Research problem. There may be 25 to 30 variables for a given research problem, in such a case it is better go for Factor Analysis by identifying main factors( say 6 ) and include all the variables with in this factor.  For example a factor is work environment, variables that come under this factor could be work pressure, team spirit, relationship between superiors & sub-ordinates, job learning opportunities, work place safety.  It is left to the discretionary of research scholar to identify the factors and group the variables.  Factor analysis provides simplicity after grouping the variables.  It helps to analyse the data effectively
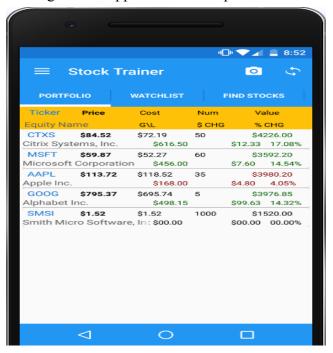

**PROF.ROOPA BALAVENU**
**Topic: Stock Trainer App in Mobile**

Stock Trainer is a virtual stock trading application for Android with real and live world market data. The app uses real markets and their data to help beginners make their first steps in the world of stock investment. Users are provided with virtual money to trade stocks and get an understanding of how stock investments work. Learn trading with our real market app and use it as a guide for your future investments. Stock Trainer supports 13 countries and over 20 different stock exchanges. We are continuously working to add more countries on our platform and enhance stock analysis

offerings in the app. and the best part - Stock Trainer app is absolutely free.



- Get an account
  Register to use Stock Trainer using your email address or sign up using your social network login. Upon registration you'll receive virtual investment money using which you can start your journey towards stock investing.
- Look up for stocks
  Find the stocks that you want to invest in using company name or ticker symbol, or by utilizing stock research tools provided in the app. Stock research tools include a list of top losers and gainers, insider trades, and analyst recommendations.
- Analyze and trade stocks
  Click on a particular stock on any screen within the app to launch the stock data screen. Stock data screen shows detailed information on the stock along with stock charts with various time span options. Double tap on any chart to go full-screen, and add technical indicators overlay on the chart to analyze it.
- 

  - **PROF. SREEDHAR .N  : " HEALTH AWARENESS"**
- **Importance of Millet -** Millet is rich in dietary fiber, both soluble and insoluble. The insoluble fiber in millet is known as a "prebiotic," which means it supports good bacteria in your digestive

system. This type of fiber is also important for adding bulk to stools, which helps keep you regular and reduces your risk of colon cancer.

- **Plastic water bottles contain chemicals, and those chemicals can leach into the water**. This plastic leachate can have detrimental health effects on consumers. At certain levels of exposure, some of the chemicals in plastic, especially the chemical known as bisphenol A (BPA), have even been implicated as carcinogens.

- **The shocking tale of India's 'Cancer Train'** The most remarkable feature of this train is that 60% of its population are cancer patients of all ages who come from all across Punjab. This 12-coach train has gained its name from a sudden increase in cancer cases in Punjab that many blame on pesticide use, growing pollution, More usage of Wheat.

- **Is Real Juice real, or does it only have artificial flavoring and sugar? Harmful chemicals in Fruit Juices**
Many packaged fruit juices contain benzoic acid which if spilled on our skin can cause it to burn. Obviously the drink does not contain that amount of benzoic acid but it does a lot of harm in smaller quantities too. Some fruit juices contain sodium benzoate, which when combined with certain ingredients forms benzene which is found to be carcinogenic. Some of them even contain calcium nitrate and magnesium chloride which can be harmful for our kidneys, intestines and even gums. Artificial flavors and additives are added to juices which harm the teeth and intestines. It is found that the juice concentrate is made oxygen less to increase its longevity. This hampers the taste to a certain extent too. So additives and artificial flavoring agents are added to make it taste like the real fruit.

  **The Hidden Danger of Gluten :** Gluten sensitivity is actually an autoimmune disease that creates inflammation throughout the body, with wide-ranging effects across all organ systems including your brain, heart, joints, digestive tract, and more.
- Beer, Candy
- Chips
- Flavored coffees and teas
- French fries
- Ice creams

**PROF. V. VIDYASHREE**

**Topic:** Survival Guide App

Survival Manual which is fully working offline (which is important to survive in a case of some extreme situation)It contains info on how to make fire, build a shelter, find food, heal and other useful content in a case of emergency. But it does not have to be used in emergency situations only - it can be also useful for trips to the outdoors, hiking, camping, learning about nature and

yourself truly. This is not only fun, but you can also train skills (make fire, build shelter, ..) you might need in a catastrophy. Some things work best with practice in a relaxed environment - then you also have time for some experiments. Refugees are also welcome to use this app to prepare and guide them for their dangerous journey. Although I hope we as humans come to sense and stop the wars and end climate injustice so that people do not have to flee and be afraid.

You can find the source-code on github: https://github.com/ligi/SurvivalManual

**Department Coordinator**          **HOD-MBA**        **Principal/ Director**
**Prof.Roopa Balavenu**            **Dr. Shekar H S**    **Dr. K Rama Narasimha**