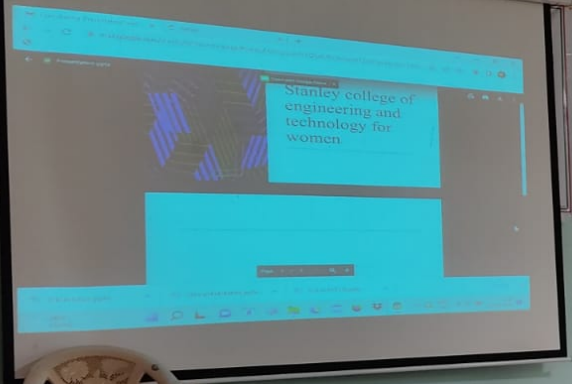




30/7/22

R&D

accounthi.google.com



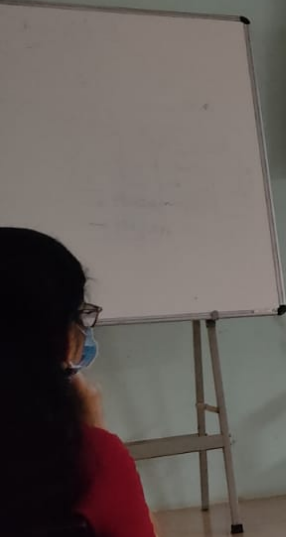
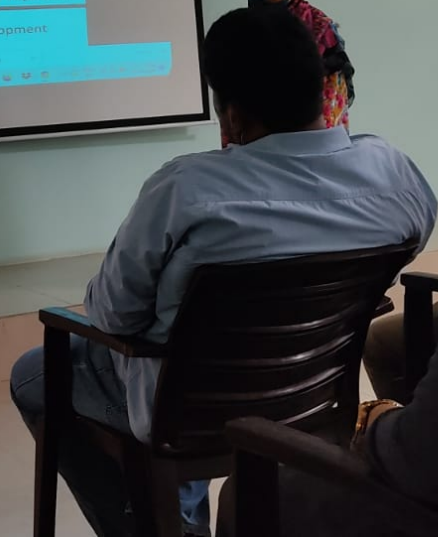
STANLEY

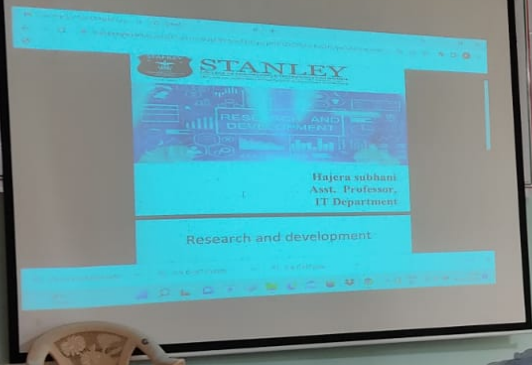
RESEARCH AND DEVELOPMENT

IT

Hajera subhani
Asst. Professor,
IT Department

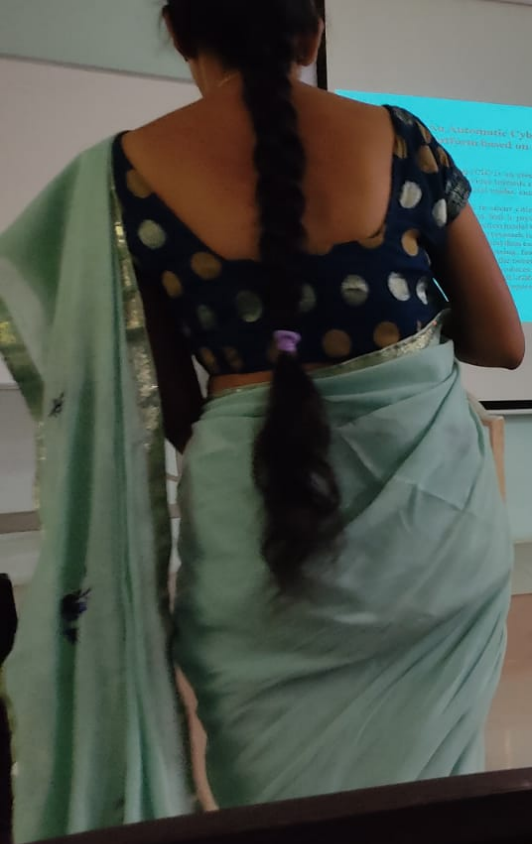
Research and development





Dr. Anurag Kumar Cyberbullying Detection Model in Twitter Social Media
Platform based on Bidirectional Cost Optimized Gated Recurrent Unit

Abstract: Cyberbullying is a type of bullying in which a group or a person harasses or intimidates another person through the use of electronic devices. This paper proposes a Bidirectional Cost Optimized Gated Recurrent Unit (BCOGRU) model for detecting cyberbullying in Twitter social media platform. The proposed model is based on Bidirectional Cost Optimized Gated Recurrent Unit (BCOGRU) and Bidirectional LSTM (BiLSTM) networks. The proposed model is trained on a dataset of cyberbullying tweets and non-cyberbullying tweets. The proposed model is evaluated on a test set of cyberbullying tweets and non-cyberbullying tweets. The proposed model achieves a detection accuracy of 92.5% on the test set. The proposed model is compared with other state-of-the-art models for detecting cyberbullying in Twitter social media platform. The proposed model outperforms other state-of-the-art models in terms of detection accuracy.



An Automatic Cyberbullying Detection Model in Twitter Social Media Platform based on Bidirectional Gated Recurrent Unit

- 1. Cyberbullying (CB) is an electronic type of bullying, which is given as a public message or private message, negative behaviors towards another group or individual on social media platform, without face-to-face interaction. It can spread by social media, emails, and other means on personal or public computers, mobile or internet devices.
- 2. To limit the risk in cyber space, it is better to automate the CB model such as applications. It is not an easy task, as cyberbullying often has psychological and physical impact on victims. Thus, the work presented in this paper is a first attempt of the research to automatically identify the users.
- 3. This research focuses on detecting the cyberbullying using the proposed deep learning models within the pre-processing, performance pre-processing, feature extraction and classification to accurately classify the users based on the extracted features, such as user normal and suspicious.
- 4. The proposed model, which uses an optimized deep learning framework called Bidirectional Gated Recurrent Unit (BiGRU) model. CB classifying the user's behavior.
- 5. The performance is compared with the recent existing mechanisms related to cyberbullying detection.

An Automatic Cyberbullying Detection Model in Twitter-Social-Media Platforms based on Bidirectional Cost-Optimized Gated Recurrent Unit

- Cyberbullying (CB) is an electronic type of bullying in which a group or a person engages in prejudicial and aggressive behaviors towards another group or individual on social media platforms, extended into internet and phones.
- To limit the risk in smart cities, it is critical to recognize the CB content and its applications. With the rising frequency, CB has had a psychological and physical impact on victims. Hence, this work presents a novel cyberbullying detection model to automatically classify the tweets.
- Main purpose of the research is to examine how the optimized deep learning models influence the performance of cyberbullying detection than conventional models.
- Pre-training pre-processing, feature extraction and classification to accurately classify the tweets based on the context present in the tweets into normal and abusive.
- The proposed work introduces an optimized deep learning framework called *Bidirectional cost optimized gated recurrent unit (BiCo-GBRU)* model for classifying the input features.
- The performances are compared with the recent existing mechanisms related to cyberbullying detection.

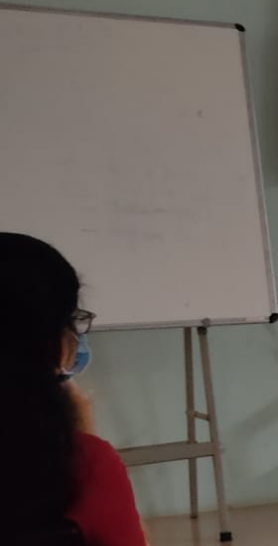
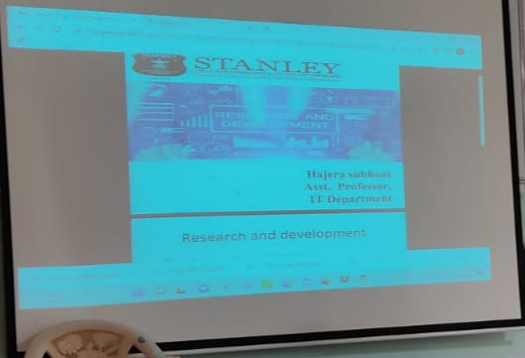


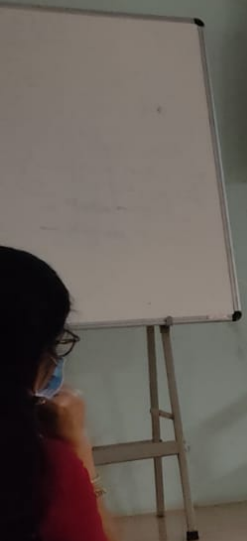
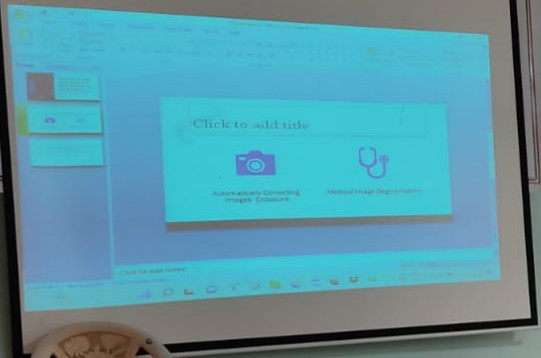
C-5
 200
 <1 SF
 9
 R

Per	
7	
Id	

R4D 75

20
10
10
20
20



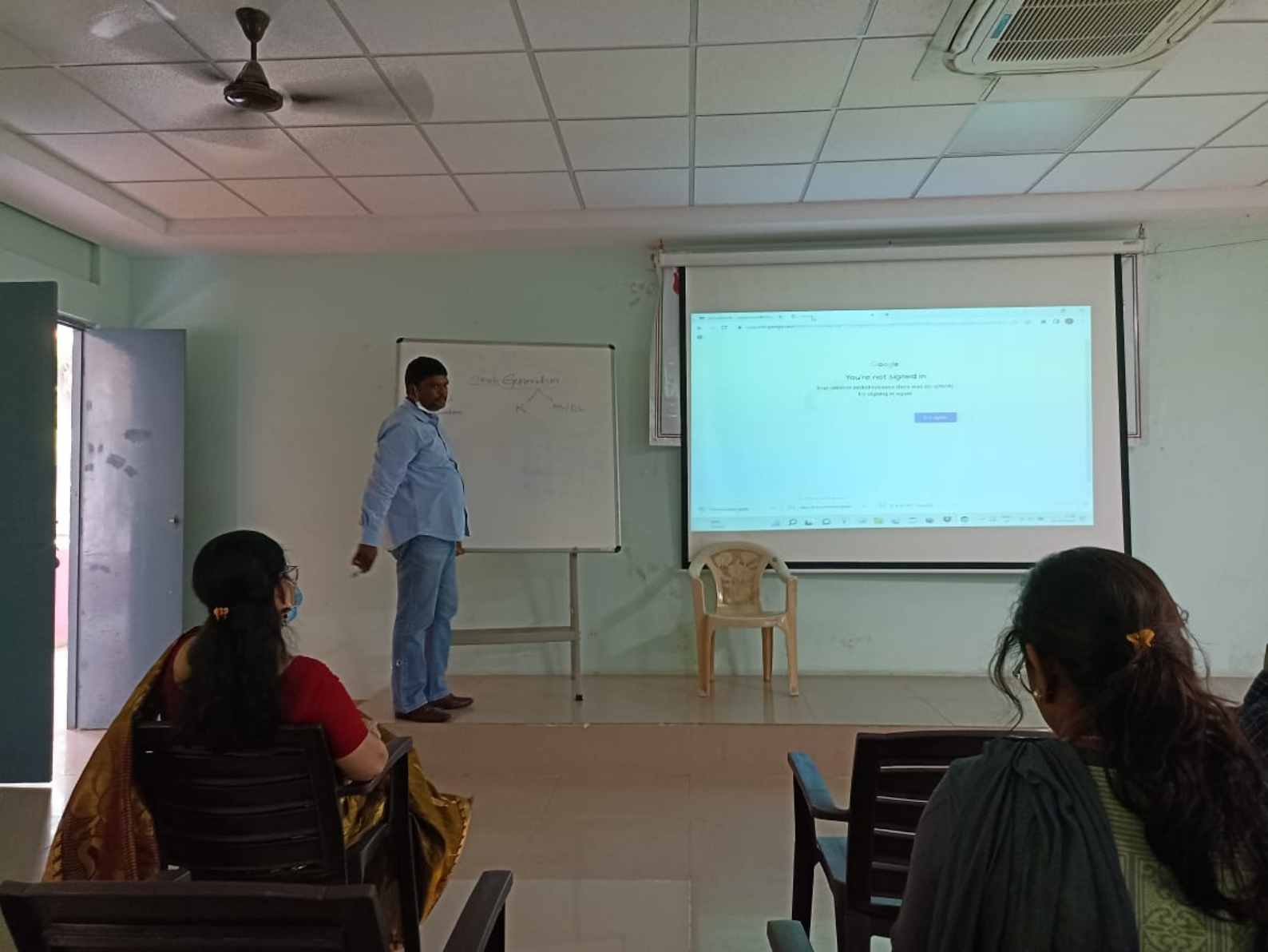


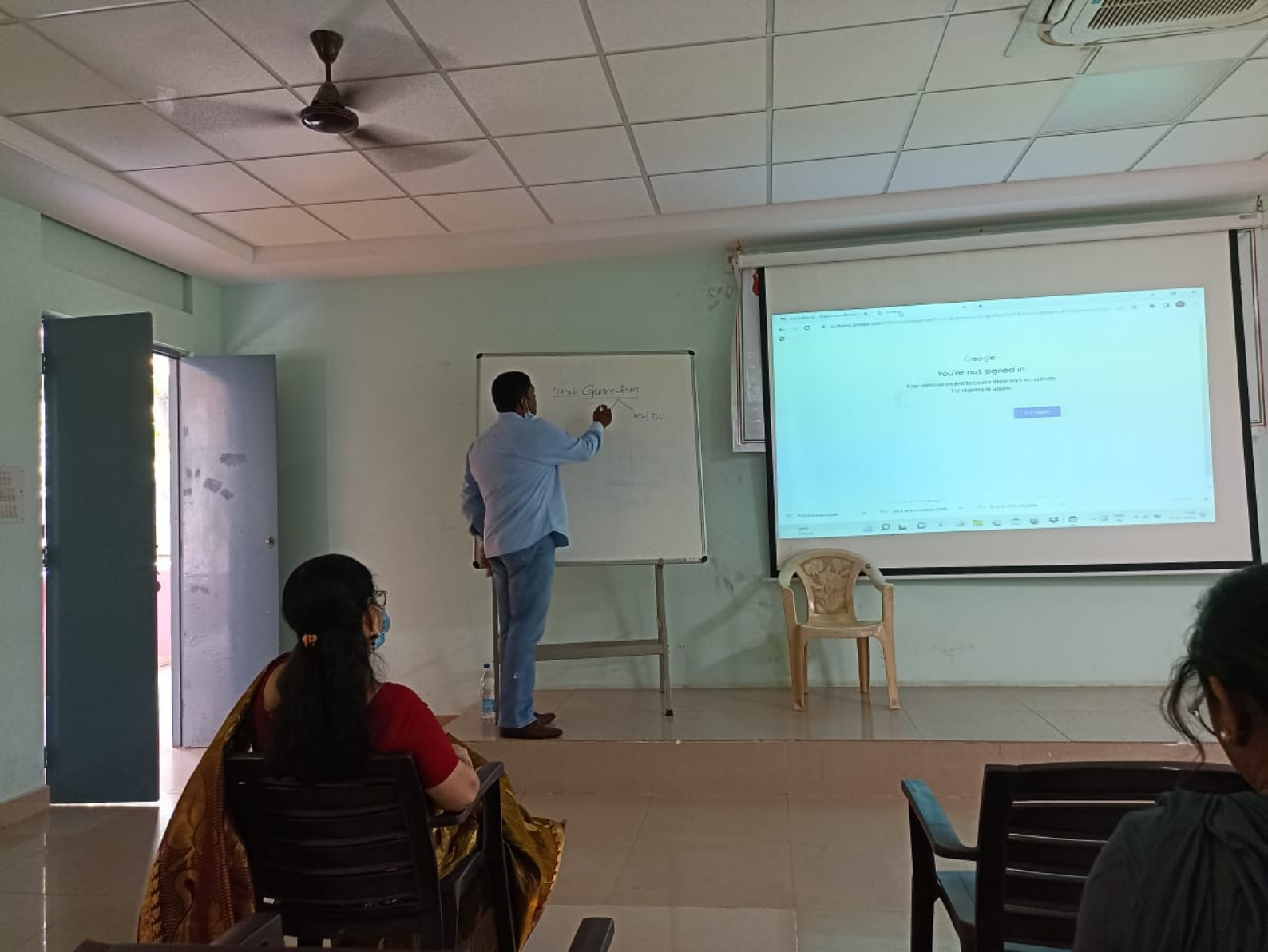
Certain facial expressions seem to be universal cross-culturally:
Smiles
Basic emotions – Happy, sad, angry, disgust etc.

"Reading" Body Language

Faces are not "readouts" of emotion or any other internal state.
People can control their expression.
People can...







Google Gemini

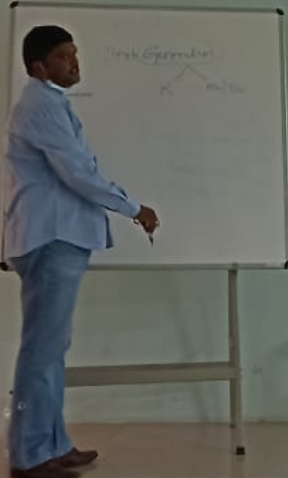
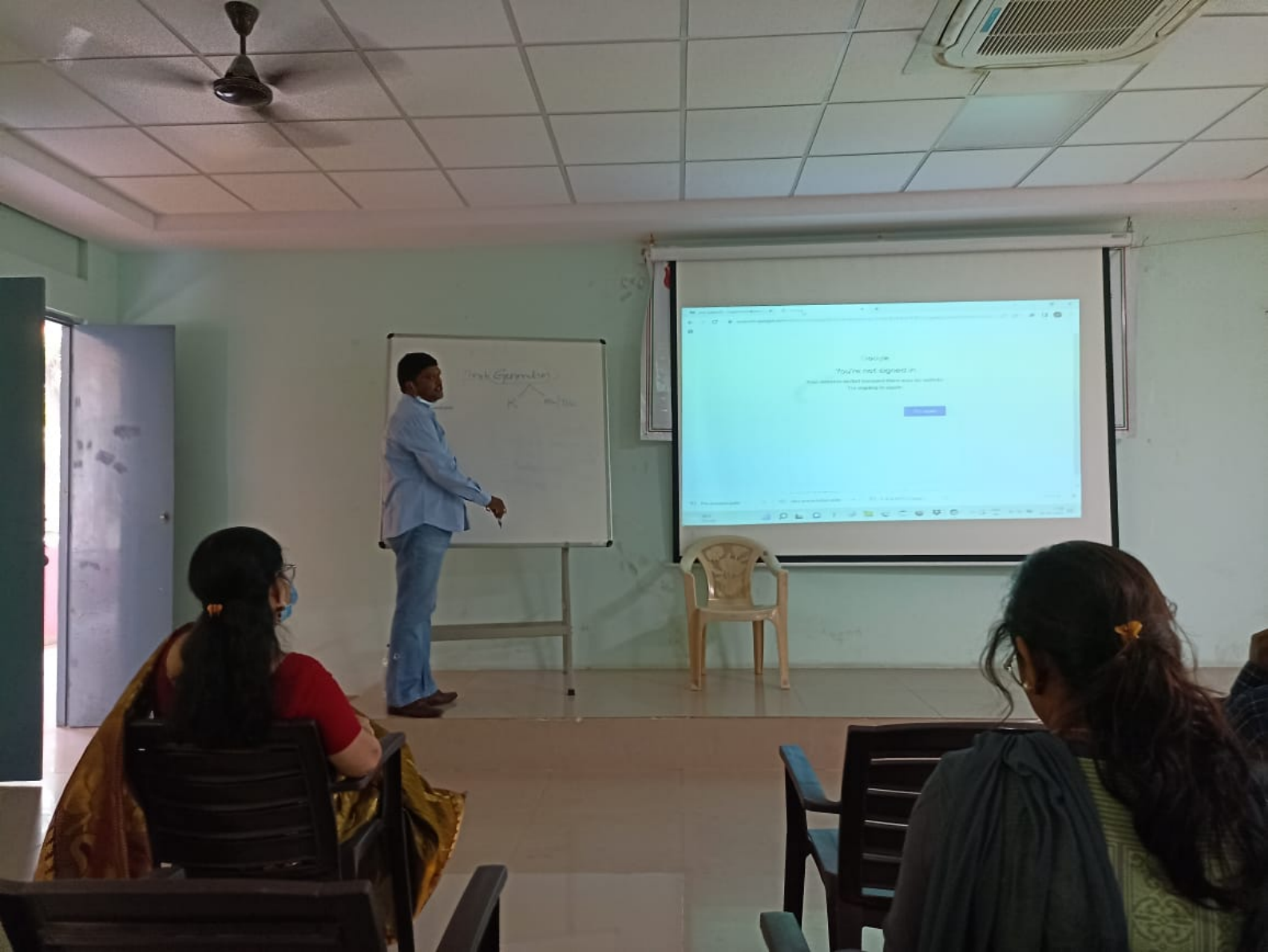
m/d/e

Google

You're not signed in

The device used to access this web page is not signed in. Try signing in again.

Sign in



You're not signed in

Sign in

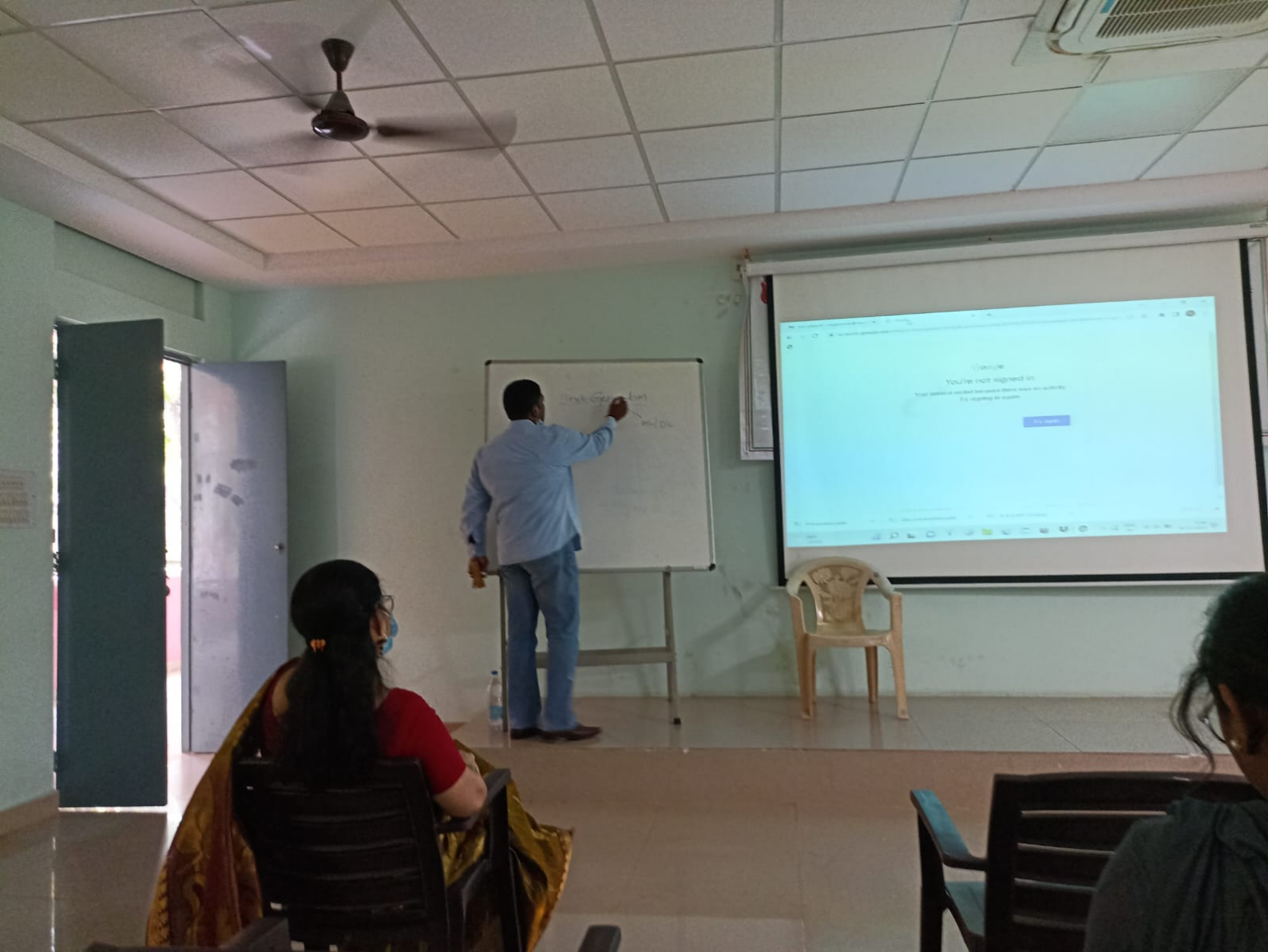
The projector screen displays a login page with a blue header, a central message "You're not signed in", and a blue "Sign in" button. The page is viewed through a browser window.















X1123H
Projector Information



Annual Risk Analysis - 2020, 2021
Agenda

- 1. Annual Review of the Project
- 2. Risk & Control Assessment for the next 12 months





acer



X1123H
Projector Information



