



Vallabh Vidyanagar Chapter CSI Student Branch, GCET Region III

Advisor: Dr Maulika S. Patel

REPORT

on

What is Research?

Organized by
Computer Society of India, Student Branch, GCET, Vallabh
Vidyanagar

Event Name: Talk on What is Research?

Venue: A-118

Time: 1:30 PM to 2:30 PM

Speaker: Dr. Maulika Patel

No. of Participants: 26

The CSI Student branch at G. H. Patel College of Engineering and Technology (GCET), V.V. Nagar organized a talk on "What is Research?" on 3rd September, 2022. This session was organized to give a deep knowledge about research from which students can acquire their way to initiate the journey in their interested domain. Total 26 students participated in it.

This session was organized to give in-depth learning about research from which students can acquire their way to initiate the journey in their interested domain.

At the beginning of the talk, various definitions of the research were explained briefly. Then mam also depicted an existing problem which requires a solution, and that was Autism spectrum disorder (ASD), a developmental disability caused by differences in the brain. After this, the necessity for research has also been clarified briefly and students get to know that research shows an ability to think differently, also exemplifies that by some real-world problems one can have research.

Further, for whom one is doing research has also been discussed and students comprehended that problem definition is also a part of research via the example of Cancer prediction which is not yet succeeded. The process of research, ambiguities

involved, various examples of research problems like Tumor classification, early detection of Alzheimer's using ML, and many more aspects were covered.

After all the fundamentals were covered, every student gets to know what to do after research and one way to demonstrate your research is through publications that contain journal and conference papers, magazine articles, and book chapters. As they get to understand some of the key attributes required in the research paper.

And at last, mam presented a sample of their journal of theoretical biology, which analyses the matter of Knowledge base and Neutral Network Approach for Protein Secondary Structure Prediction, published online on 14th August 2014.

The talk ended on the interactive note since the students were engaged and eager to ask questions about what they had discovered and have their questions answered.

About the Speaker:

Dr. Maulika Patel

Dr. Maulika S Patel, Professor & Head of the Computer Engineering Department at G H Patel College of Engineering & Technology, Vallabh Vidyanagar.

She is awarded a Minor Research Project titled "Protein Characterization using Machine learning" by GUJCOST in 2016.

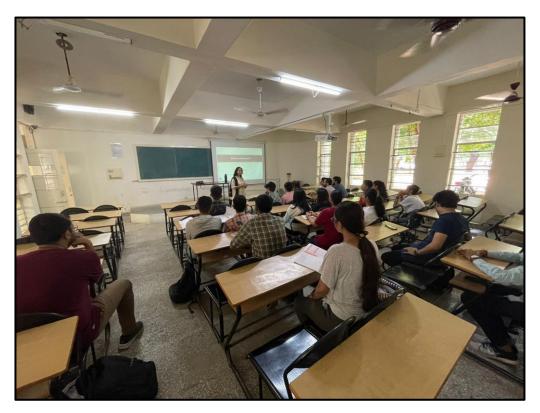
She has published 30 research papers in various journals and conferences. She has published an edited book with Springer titled "Tracking and Preventing Diseases with Artificial Intelligence".

She is a registered PhD Supervisor at CVM University and is supervising 2 PhD Scholars at Gujarat Technological University and 1 PhD Scholar at CVM University.

She is the Chairperson, Board of Studies, Computer Engineering, CVM University since September 2020.

Event Photographs:









Attendance of the participants:

G.H. Patel College of Engineering and Technology

Attendance of Talk on Research(3thSept, 22)

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