



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:



The poster features logos for GCET (G.H. Patel College of Engineering & Technology), Computer Society of India (ESTD. 1965), and CVM University. The central text reads "TALK ON WHAT IS RESEARCH?". To the left is an illustration of a computer monitor with a lightbulb, a bar chart, and a magnifying glass. To the right is a portrait of Dr. Maulika Patel. Below the portrait, her name and title are listed: "DR. MAULIKA PATEL, Professor & Head, Department of Computer Engineering, GCET". A date and time box at the bottom states "3RD SEPTEMBER, 2022 | 1:30 P.M. | A-118". The footer identifies the host as "G H Patel College of Engineering & Technology (A Constituent College of CVM University)".

GCET
G.H. PATEL COLLEGE OF
ENGINEERING & TECHNOLOGY

COMPUTER SOCIETY OF INDIA
ESTD. 1965

CVM
UNIVERSITY

**TALK ON
WHAT IS RESEARCH?**

DR. MAULIKA PATEL
Professor & Head
Department of Computer Engineering
GCET

3RD SEPTEMBER, 2022 | 1:30 P.M. | A-118

G H Patel College of Engineering & Technology
(A Constituent College of CVM University)





Attendance of the participants:

G.H. Patel College of Engineering and Technology

Attendance of Talk on Research(3thSept, 22)

Sr. No.	Name	Enrollment No.	Department	Sign
1	Basasasa Meet	12102130501005	CSD	Basasasa
2	Rishi R Patel	12002040501060	CP(5 th sem)	Rishi
3	Krish V shah	12002040501036	CP(5 th sem)	Krish V shah
4.	Koladiya shrey	12002040501067	CP(5 th sem)	S.A.koladiya
5.	Boda Om	12002040501054	CP(5 th sem)	Boda Om
6	Prayanshu Desai	12002040501055	CP(5 th sem)	Prayanshu
7	Ujjwal Chauhan	12002040501074	CP(5 th sem)	Ujjwal
8	Banshi Patel	12002040501005	CP(5 th sem)	Banshi
9	Gaurav Khunt	12002040501016	CP(5 th sem)	Gaurav
10	KATHAN PAREKH	12002040501027	CP(5 th sem)	Kathan
11	Kritam Rajapati	12002040501034	CP(5 th sem)	Kritam
12	Keya Shah	12102040501038	CP(3 rd sem)	Keya
13	Ulugundam Sindhu Krishna	12102040501067	CP(3 rd sem)	Ulugundam
14	Krushik Shah	12002040501032	CP(5 th sem)	Krushik
15	Gandhi Diya	12002040501015	CP(5 th sem)	D.P.Gandhi
16	Onsika Seemantiya	12102130501066	CSD(3 rd sem)	Onsika
17	Ajaya Yangaediwala	12102130501018	CSD(3 rd sem)	Ajaya
18	Jethava Darshan J.	12102040501010	CP(3 rd sem)	Jethava
19	Subyjectsinh D. Judey	12102040501059	CP(3 rd sem)	Subyjectsinh
20	Ladani Vedang S.	12102040501082	CP(3 rd sem)	Vedang
21	Madi Kevin Hemantkumar	12102040501037	CP(3 rd sem)	Madi
22	Unnati D. Aroda	12102040501077	CP(3 rd sem)	Unnati
23	Smrit Joshi	12102040501068	CP(3 rd sem)	Smrit
24.	Shiv Patel	12102040501060	CP(3 rd sem)	Shiv
25.	Vraj Patel	12002040501080	CP(5 th sem)	Vraj Patel
26.	Soham Mudvive	12002040501073	CP(5 th sem)	Soham