



Agnel Charities'

**Fr. C. Rodrigues Institute of Technology, Vashi,
Navi-Mumbai**

**Department of Electronics and Telecommunication Engineering
Meeting with Mr. Sameer Deshpande (Maverics India Ltd. Mumbai)**

Data: 25.10.2023

Agenda:

1. Discussion on problem statements proposed by the Industry
2. Furthering possibility of collaboration

FCRIT Members Name and Designation: (Signature sheet attached)

1. Dr. Megha Kolhekar, Associate Professor, EXTC
2. Dr. Pranali Choudhari, Associate Professor, EXTC
3. Dr. Anant Kulkarni, Assistant Professor, EXTC
4. Dr.. Chhaya Pawar, Associate Professor, COMP
5. Dr. Jyoti More, Associate Professor, COMP
6. Prof. Lakshmi Gadhikar, Associate Professor, IT
7. Prof. Amroz, Assistant Professor, COMP
8. Prof. Rahul J., Assistant Professor, COMP

Maverics Ltd. Members Name and Designation:

1. Mr. Sameer Deshpande, Founder CEO

Meeting started at 10.35 AM.

Proceedings of the meeting:

1. Dr. Megha welcomed Mr. Sameer and introduced all FCRIT members.
2. Megha also briefed Mr. Sameer about the internal meeting held among FCRIT members on the problem statements.
3. Discussion on each problem statement was made open to all.
4. Scope and deliverables of all the three problems (see the PPT attached) was discussed. Mr. Sameer elaborated on each problem with possible challenges, current practices, novelty of the solution and use-cases.
5. Mr. Sameer informed that, except problem 3, both the other problems can be taken up with immediate effect.
6. While the working groups are formed with the consent of the faculty, Mr. Sameer conveyed his acceptance for students' involvement.
7. Mr. Sameer asked Dr. Megha to send the monetary framework at FCRIT for such collaborative projects with the Industry.
8. Mr. Sameer assured that all the data, inputs will be taken care by his firm, while the faculty involved is expected to deliver the product level solution.
9. Dr. Megha appealed to all FCRIT members to notify their preferences to her.

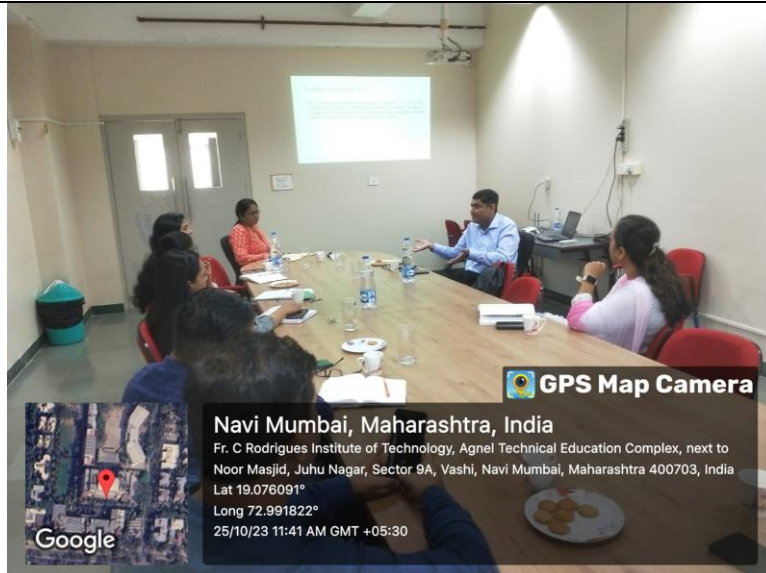
Meeting ended at 12.30 noon.



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Geotagged photos

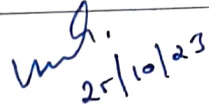









Minutes prepared by Dr. Megha Kolhekar (EXTC)



Agnel Charities'
Fr.C.Rodrigues Institute of Technology,
Vashi

Interaction with Mr. Sameer Deshpande (Maverick India Ltd) Date: 25/10/2023

Sr. No	Name of Faculty	Signature
1	Dr. Megha Kolhekar	 25/10/23
2	Dr. Chhaya Pawar	
3	Dr. Jyoti More	
4	Prof. Laxmi Gadhihar	
5	Prof. Amroz	
6	Prof. Rahul	
7	Dr. Pranali Choudhari	
8	Prof. Smita Dange	Informed.
9	Dr. Anant Kulkarni	

Inter-Disciplinary Projects Discussion

Dept. of Electronics & Telecommunication Engg.

FCRIT

About TheMaverics Technologies Pvt Ltd

- Mr. Sameer Deshpande CEO & Founder
- <https://www.linkedin.com/in/sameermmdeshpande/?originalSubdomain=in>
- <https://themaverics.com/>
- Offer cloud solutions, consultancy services, technical services and global services.

Problem Statement 1

- Enterprise-wide Data collection (any data e.g. PPT, .DOC, PST, PDF, JPEG. Mp4 etc) from Desktop/Laptops/Virtual Desktops/VMs to one consolidated repository or location. Idea is to have a single snapshot of the entire data of the organization irrespective of people, role, device.

Background

- While backups continue to underpin every organization's data protection strategy, snapshots are often a complementary approach for ensuring the reliable protection and rapid recovery of IT infrastructure. Furthermore, snapshots are -- alongside replication -- the foundation for modern data protection.
- snapshots are essentially collections of disk blocks that represent what a file system or volume looked like at a specific point in time.

How snapshots work

As illustrated over three days

Original Data: Snapshot 1	A B C D E F	
Day 1: Changes and adds	G H I J	
After Day 1: Snapshot 2	A G C D H F I J	
Day 2: Changes and adds	K L M	
After Day 2: Snapshot 3	A G C K L F I J M	

SOURCE: ENTERPRISIC STRATEGY GROUP

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Deliverable (as I see)

- There is an integrated SSO for all devices for organizational data, which is independent of device.
- The employee creates data, downloads, deletes, links files, shares links according to the permissions.
- While the employee is on boarded, the data footprint of employee is generated, monitored and audited.
- Organization authorities have all-time access to the employee channels of data usage, but the access is exercised situationally.
- If the employee resigns, the system takes care of hand-over of all the data that the employee had access to through the SSO. This hand-over is device independent. It does not require employee authorization/intervention.

Problem Statement 2

- ESG (Environment/Safety/Governance) Initiative – To start with capturing all the data for different parameters in line with framework. Dashboards and Reporting for the leadership. Later in phase 2, we will look at automation for Data Collection and AI models
- <https://www.ibm.com/topics/esg-frameworks>

Background*

- ESG reporting frameworks are used by companies for the disclosure of data covering business operations and opportunities and risks related to the environmental, social and governance (ESG) aspects of the business.
- Each framework typically sets the metrics and qualitative elements that a company should disclose, as well as the format and reporting frequency. Some frameworks are voluntary, while others are government mandated.

*<https://www.ibm.com/topics/esg-frameworks>

Deliverable (as I see)

- Methods to collect data from various sources, about the company's ESG initiatives, periodically
- Consolidate the data into meaningful information that provides insights in ESG mandatory compliance/ additional initiatives, ranking of the organization etc.
- Design a Dashboard which holds the ESG meaningful information (with the help of visualization tools) such that the updated information is available to the leadership at all times. (ESG Reporting)

Problem Statement 3

- AI models to be built for Ophthalmologist's practice. (We will leverage NVIDIA platform and compilers.)
- Tie-ups with hospitals and ethical consents procedures are in place.

Deliverable (as I see)

- It is a regular ML framework, where we have to perform predictive analysis from available data.

Action plan

- Problem wise group formation.
- Building up very basic architecture from what we survey about the problems
- Framing the right questions wherever we lack insights/information
- Getting clarity on the issues by further discussion with Mr. Sameer.