

**MCT**  
MANJARA CHARITABLE TRUST  
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI  
Permanently Affiliated to University of Mumbai

## **VISIT TO JIO TRAINING CENTRE**



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Students from the UBA Cell, around 42 in number visited Reliance Jio Training Centre on March 09, 2019 along with **Prof. Yogita Ganage**, Co-ordinator from IT Department.

It was a great learning experience, being able to interact with officials who work on field and getting to know the way they implement their strategies and deal with technical issues.

The leading light behind the successful outcomes of this visit was provided by some of the notable entities that provided constant guidance, assistance and support throughout the visit. They include Respected Principal, **Dr. S.U. Bokade** who provided the opportunity to visit Reliance Jio Center in Thane, **Dr. Kiran Chaudhari** (HOD Applied Sciences), **Prof. Yogita Ganage** (Faculty Coordinator) who assisted the students all along in the visit. The officials at the Centre namely **Rajendra Salunke** (Jio Center Manager), **Mr. Devendra Sularkar** (Business Development & Strategist, RIL), and **Mr. Umesh Kutte** (FTTX) extended full support in getting the students acquainted with the working policy of Jio and the services it provides.

**OBJECTIVES:**

1. To understand the working of different platforms of JIO like jio merchant, jio ftt etc.
2. To extend students interaction with the corporate world.
3. To maximize generation of opportunities for students.
4. Getting insights about working of JIO apps.
5. Developing interest amongst emerging engineers.
6. Developing softskills and technical skills.
7. Students can learn about IOT and Communication products.
8. To represent MCT RGIT on corporate platform.
9. Increase bonding amongst students.
10. Understanding how mobility, connectivity and affordability together can make a revolution.

## **INTRODUCTION:**

Reliance Jio aims to enable this transformation by creating not just a cutting-edge voice and broadband network, but also a powerful ecosystem on which a range of rich digital services will be enabled – a unique green-field opportunity.

The three-pronged focus on broadband networks, affordable smartphones and the availability of rich content and applications has enabled Jio to create an integrated business strategy from the very beginning, and today, Jio is capable of offering a unique combination of telecom, high speed data, digital commerce, media and payment services.

The initiatives taken by the organization are aligned with the Government of India's 'Digital India' vision for our nation.

**Affordable Devices:** Jio has worked with all the leading device manufacturers of the world to ensure availability of 4G LTE smartphones across all price points – from ultra-premium models on one hand, to entry level models on the other.

**Digital Communication:** The application Jio4GVoice brings the 4G communication suite to all smartphones. With its RCS (Rich Communication Services) features like Enriched calling, Chat, File share and Unified Messaging, it redefines the calling and messaging experience. It also enables Jio's cutting edge voice and video call service on non-VoLTE smartphones.

**Digital Currency:** Jio envisions a new India which will use digital currency instead of paper money for a more secure and convenient way to transact. Jio Money, Jio's digital currency and digital payments business, will play a crucial role in this by offering a platform for ubiquitous, affordable and secure digital payments.

**Jio Drive:** Micro and small businesses will soon have access to cutting-edge cloud storage technologies which were once affordable to big companies only, giving them a new edge to compete on a global landscape. Jio Drive is an application that brings powerful cloud capabilities to every smartphone. Using Jio Drive, anyone can store, sync and share any content between their own devices and also with their friends.

**Digital Education:** Teachers and students from far flung areas can connect with each other, crowd-source knowledge and adapt new age learning techniques and thus lift the level of education to a completely different plane.

**Digital Healthcare:** Expert medical advice would be available anytime, anywhere - with medical practitioners able to grow their practice without constraint, and provide quality of life to the crores that make up our country.

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**Digital Entertainment and social connectivity:** Jio Chat is a powerful communication application that integrates chat, voice, video calling, conferencing, file sharing, photo sharing and much more. Jio Play enables users to watch HD TV anytime, anywhere on any device, from hundreds of channels, across categories and languages. Jio Beats is a premier digital music streaming service that gives instant access to millions of songs and curated playlists. Jio Mags and Jio News provide access to the most popular collection of magazines and news from leading publishing houses across multiple languages.

**Digital Entrepreneurship:** Jio is building a powerful platform on which a range of rich digital products and services can be enabled - digital currency, digital commerce, digital education, digital healthcare, e-governance, Smart Cities, M2M and the Internet of Things. It does not matter whether these services are created by Jio itself, its ecosystem partners or anyone globally. Reliance is committed to the principles of Net Neutrality.

### **BRIEF ABOUT TRAINING:**

**Mr. Devendra Sularkar** (Business Development & Strategist, RIL), took charge of the training programme and emphasized on a lot of key parameters that students should focus on as they proceed towards the implementation phase of UBA. He brought the attention of students towards the following points:

- **Public Private Partnership Model (PPP):** It is a funding model for a public infrastructure project such as a new telecommunications system, airport or power plant. The public partner is represented by the government at a local, state and/or national level. The private partner can be a privately-owned business, public corporation or consortium of businesses with a specific area of expertise.
- **Collaboration with Organizations:** Institutional bodies like JAIN Irrigation, PAANI Foundation, Jio's NextGen etc can assist in providing funds, connectivity and mobility.
- **Tie up with Non-governmental Organizations:** Programmes like Sindhu Sphoorti which is governed by NGOs can help students in connecting to villages in a better way.

Students also got acquainted with different Jio Services and ventures Jio is set to introduce, including:

#### **1. Jio Smart Home Solution**



Reliance Jio introduces Some IOT projects that for making smart homes.

The Jio Giga Fiber launch at RIL AGM was accompanied by the announcement of the Jio Smart Home Accessories suite.

This includes an audio dongle, video dongle, smart speaker, Wi-Fi extender, smart plug, outdoor security camera, and a TV camera among others.

Alongside major connected devices, Reliance Jio is set to bring smoke sensor, water leak sensor, siren, gas leak sensor, panic button, door sensor, and smart video doorbells. These are designed to let users control and monitor their homes remotely using their smartphones.

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The prime purpose of the new launch is to expand the presence of connected homes in India. With some simple accessories that Jio will provide, every appliance, every plug point, every switch will become smart, which means that they can be securely monitored and controlled from anywhere and everywhere.

## **2. Jio Car Connect**

Jio Car Connect aims to connect 90% of the cars on the Indian roads by year 2020. It's a combo of a hardware device and a mobile app.



The OBD (On-board Diagnostic device) with a Jio SIM inside is attached to the OBD port of the car and thus it creates a Wi-Fi spot on the go.

It also gives the user an access to the entire ecosystem of Jio Apps - Jio Music, Jio Cinema, etc. so he can stream his favorite music or movie or TV channel on the go.

If the user has a Jio Join App installed on his phone, using the Jio

Wi-Fi spot inside his car, he will be able to make voice calls for free.

The Jio Car Connect mobile app shows vital car information like Oil stats, water levels, fuel info, getting alerts to change battery .etc. With Jio Car Connect, user can switch on his car AC when he starts walking towards the parking lot. Features like Anti-Theft alarm, and speed limits setup. It also provides weather information and also lets user access his driving path.

## **3. Jio School**



Another beneficial scheme provide by Jio for students in educational field is Jio School.

The aim of Jio School is to create maximum numbers of smart schools in most of the Government schools with more efficiency.

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There will be login ID for teachers from which they will be able to teach the students at 8 to 10 locations with help of video teaching.

The Jio School also supports different vernacular medium school languages which is very helpful to schools who faces linguistic barriers. Initially it has started in Andhra Pradesh, Madhya Pradesh, Telangana, Gujarat etc. and now it is working for another states. There are 12000 Jio School services that have been started in mentioned states.

#### **4. Jio Chat**

Jio chat provides enhanced messaging, high quality voice & video calls, instant videos, stickers, doodle and emoticons as well as channels from top brands to stay updated and enjoy bite-sized videos on Stories.

The features of the app include:

##### **1. Rich Messaging-**

Instantly and easily, message any of your JioChat contacts —one-to-one, or in groups and create large groups up to 500 members.

Send files (e.g. pdf, doc, xls, mp3, apk), emoticons, doodles, pictures, videos, audio notes and 1000s of local Indian stickers while chatting with them.

##### **2. Free HD Voice & Video calls-**

No need to worry about hike in calling tariff because JioChat lets you make free calls to your JioChat contacts. Whether global or local, JioChat delivers both voice calling and video calling with an easy-to-use interface at no additional charges and as many users tell us with far better voice quality than even PST N calls or calls on many VoIP apps.

##### **3. Made in India Stickers-**

JioChat works with some of the most renowned artists in India to create stickers that are fun and help to express emotions in chats with friends, family members and ALL loved ones. Hindi, Bangla, Kannada, Punjabi, Malayalam, Tamil, Telugu, Gujarati and Odia stickers.

##### **4. Follow Branded Channels-**

Interact with your favourite brands over chat interface. Send your query and get immediate reply. Get the best deals and customized offers from various channels across categories.

Exciting bite-sized video STORIES from top media partners in different categories such as food, travel, entertainment, health etc. specially curated for JioChat users.

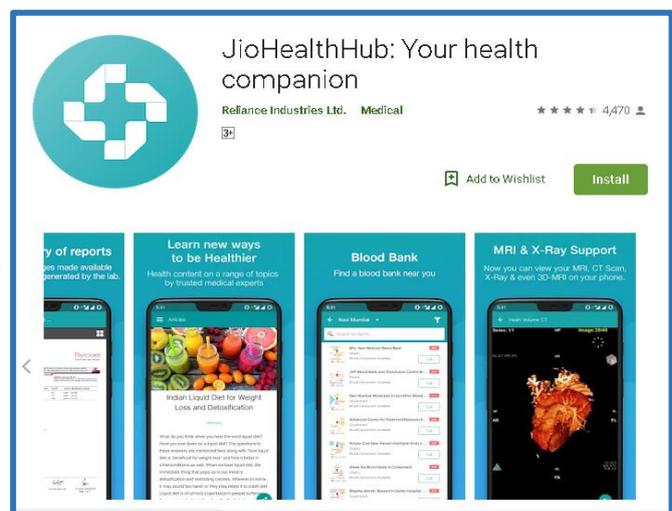


## 5. Jio Health Hub

Scan, upload and manage all medical records (lab reports, prescription, medical bills etc.) and securely share them with doctor, family and friends with ease. Data is stored in the cloud which is accessible from anywhere any time with secure credentials.

Consult Doctors Online JioHealthHub is a one stop solution for user's healthcare needs:

- Lab Tests & Health Check-ups
- Weight Management, Diet and Nutrition Consultation
- Read Health Articles
- Manage Medical Reports
- Consult Doctors Online
- Locate nearby pharmacy and blood banks
- Book Lab Tests & Health Check-ups
- Weight Management, Diet Nutrition Consulting
- Consulting doctors' privately over chat, call and video from Jio HealthHub and get health queries answered at convenience.
- Locate nearby Pharmacies and Blood Banks



## 6. Jio Merchant

Reliance Jio is going to launch its own PoS (Point Of Sale) machines all over the country which is supposed to be known as “Jio Prime Partner PoS Machine”.

This machine can scan QR codes as a built-in 2D/3D high-speed barcode scanner is available with the device. The device also comes with Prime Partner App, Tap & Pay features, Thermal bill Printer, 4G and long-lasting battery. Plus, loan against card receivables will be accessible for merchants.



## 7. FTTH (Fiber-To-The-Home)

JioGigaFiber connectivity comes directly to the user's home unlike in most cases where the fiber reaches only till the building and the last few meters of end connectivity are connected using traditional cable which reduces the speed and user experience due to patches and inferior cable qualities of such patch up.

The end result is a completely different internet experience when fiber comes directly to homes.

Jio offers superior internet experience to explore your Digital Life. Fiber is the technology of the future. It offers the ultimate broadband experience to surf, stream, game and work.



## 8. Jio GigaFiber Router

Reliance Jio is leaving no stone unturned by offering an entire network made up of fiber optic cables. The company will offer internet connectivity at speeds as high as 1Gbps.

The company will be offering a specialized Jio Giga Router to make sure you get uninterrupted speeds and internet. Reliance Jio will be installing Jio Giga Routers as an in-house product for high-speed wall to wall high-speed wireless connection.



## 9. Jio Giga TV Box

The company's Jio GigaTV will focus on the entertainment domain inside the comfort of the house.

With Jio GigaTV, the company is introducing a new set-top box that comes with the ability to use the Internet to offer services such as live TV channels and a new way of interacting with more than one person at the same time using the television

It's called Jio TV Call and it will allow the Jio GigaTV owners to connect with many people via video conferencing on the TV.

All the Jio apps such as Jio TV, Jio Cinema, and more will be available on the Jio GigaTV



## OUTCOMES

1. Students got to learn about the latest Jio ventures and services Jio is in process to launch, including Jio School, Jio HealthHub etc.
2. They got acquainted with different approaches that they can take to proceed towards implementation of the technological aspects of their project.
3. Students also got aware about the working of FTTX, its scope and advantages.