

# CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY

## Department of Electronics & Communication Engineering

### A REPORT

### ON

### Two Days Workshop on “Latest Trends in Wireless Communication”

<b>Organizing Department</b>	<b>Electronics &amp; Communication</b>
<b>Chief Patron</b>	Dr. D. R. Shah, Provost, UTU.
<b>Patron</b>	Dr. N. C. Shah, Director, CGPIT.
<b>Programme Coordinators</b>	Ms. Krupa Dave Ms. Nita Patil
<b>Programme Co Coordinators</b>	Mr. Tarun Lad Mr. Manish Nakrani
<b>Target Audience</b>	Faculty members of academia, UG & PG students
<b>Total Number of Participants</b>	132
<b>Date of Programme</b>	22-23 <sup>rd</sup> January, 2016.
<b>Invited Speakers</b>	Dr. Upena Dalal, Associate professor, SVNIT, Surat. Dr. Dhaval Pujara, Professor, Nirma University, Ahmedabad Shri Satish Thakare, CTO, Scientech Technologies Pvt. Ltd. Indore. Shri Uchit Shah, Senior manager, IDEA cellular. Shri Darshak Solanki, Senior manager, IDEA cellular Shri Miten Shroff, Deputy Manager, Reliance Jio Infocomm, Surat.

## **Schedule:**

<b>Sr. No.</b>	<b>Time</b>	<b>Description</b>
<b>Day 1 (22<sup>nd</sup> January, 2016)</b>		
<b>1</b>	09:00 AM - 10:00 AM	Registration and Breakfast
<b>2</b>	10:00 AM - 10:30 AM	Inaugural Function
<b>3</b>	10:30 AM - 12:30 PM	Lecture-1 Introduction to Wireless Communications and overview of 1G to 5G
<b>4</b>	12:30 PM - 01:30 PM	Lunch Break
<b>5</b>	01:30 PM - 03:30 PM	Lecture2- High Frequency Circuit Design : Issues & Challenges
<b>6</b>	03:30 PM - 03:45 PM	Tea break
<b>7</b>	03:45 PM - 05:00 PM	Lecture-3 Hands on session by Scientech
<b>Day 2 (23<sup>rd</sup> January, 2016)</b>		
<b>8</b>	09:30 AM - 10:00 AM	Breakfast
<b>9</b>	10:00 AM - 12:30 PM	Lecture-4 Wireless Innovations in Industry
<b>10</b>	12:30 PM - 01:30 PM	Lunch Break
<b>11</b>	01:30 PM - 03:00 PM	Lecture-5 Wireless Innovations in Industry
<b>12</b>	03:00 PM - 03:15 PM	Tea break
<b>13</b>	03:15 PM - 04:30 PM	Lecture-6 Wireless Innovations in Industry
<b>14</b>	04:30 PM - 05:00 PM	Valedictory Function

## **Details of the Workshop:**

### **Preamble:**

Department of Electronics & Communication Engineering, CGPIT had organized two days workshop on “Latest Trends in Wireless Communication” sponsored by Uka Tarsadia University during 22-23 January 2016. Total 132 participants participated in this workshop which includes faculties, B.Tech & M.Tech students from different colleges of Gujarat. There were 16 faculties and 116 students from different colleges like CGPIT, GIDC Navsari, FETR, Kim.

The workshop was started by UTU song followed by lamp lighting and prayer to seek the blessings of almighty. As per tradition of CGPIT, all the dignitaries were given a warm welcome and were felicitated to express respect and gratitude towards them for devoting their valuable time and gracing the workshop. The dignitaries that graced the workshop were Honourable Dr. N. C. Shah (Director, CGPIT), All the HODs of various departments of CGPIT. Along with the dignitaries, our experts were also felicitated by the coordinators of the workshops.

Mr. Nikunj Tahilramani had given a brief introduction about the wireless communication on which the workshop was focused. He introduced the expert and expressed his views about the importance of workshop.

The Honourable Director of CGPIT, **Dr. N.C. Shah** had given the welcome speech. He motivated the faculties and students for participating in technical events like short term training program, workshop, expert talk, etc. He also congratulated the EC department for organizing such workshop. He also appreciated the efforts made by EC department with the great coordination.

Head of the EC department **Prof. Rakesh Gajre** had given a brief introduction about the two days workshop on “Latest Trends In Wireless Communication”.

The program coordinator of the workshop, **Ms. Krupa Dave** had given the vote of thanks.

### **Session Detail:**

Session-1: Introduction to Wireless Communications and overview of 1G to 5G  
( Dr. Upena Dalal, Head Electronics Engineering, SVNIT Surat )

Session-2: High Frequency Circuit Design: Issues & Challenges  
( Dr. Dhaval Pujara, Associate Professor, EC Dept, Institute of Technology, Nirma University )

Session-3: Hands on session on MIMO Technology Trainer.  
( Mr. Satish Thakare, Chief Technology Officer, Scientech Technology, Indore )

Session-4: Discussion of latest technology for the implementation of 4G technology.  
( Mr. Darshak Solanki, Senior Manager, IDEA Cellular Limited. )

Session-5: Discussion of 4G implementation in Reliance Jio Infocomm.  
( Mr. Miten Shroff, Deputy Manager, Reliance Jio Infocomm. )

Session-6: Discussion of 3G to 4G technology changes in wireless communication.  
( Mr. Uchit Shah, Senior Manager, IDEA Cellular Limited )

### **Valedictory Function:**

Valedictory function started with UTU Anthem. **The Honourable Director of CGPIT, Dr. N.C. Shah** gave concluding speech. He congratulated the EC department for organizing such workshop.

**Mr. Uchit Shah** also shared his experience about the workshop at our institute. As a token of love and gratitude a memento were presented to all the experts by **Dr. N.C. Shah**.

After workshop a feedback was conducted from the participants of the workshop which included students as well as faculties. The feedback was positive and everyone was satisfied with the contents delivered.

**Ms. Dhara Marvadi** delivered vote of thanks.

## Glimpse of the Workshop:



## The Venue



## Registration Desk



**High Tea**



**Dignitaries on the Dais**



**Inauguration Ceremony**



**Welcoming the Dignitaries**



### Speech by Dignitaries



### Technical Sessions





**Valedictory Function**

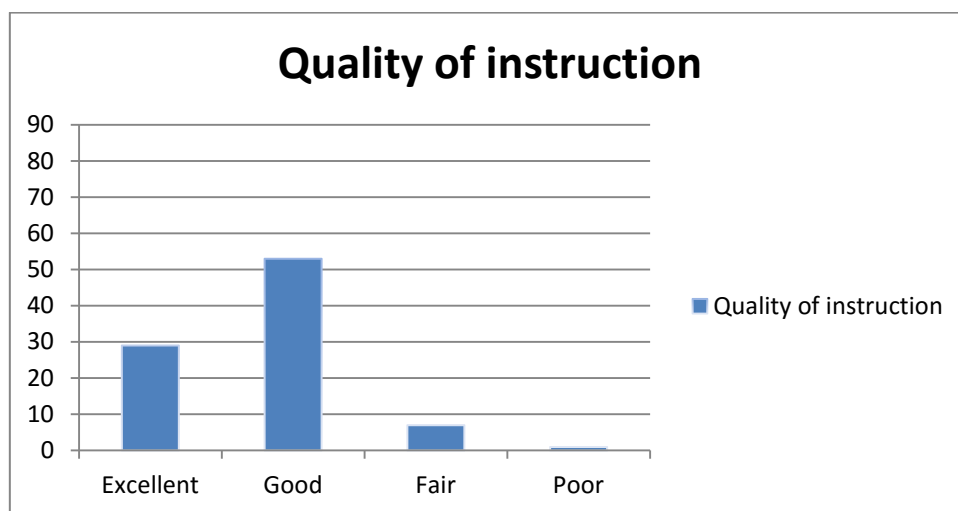


### Organizing Committee of Workshop

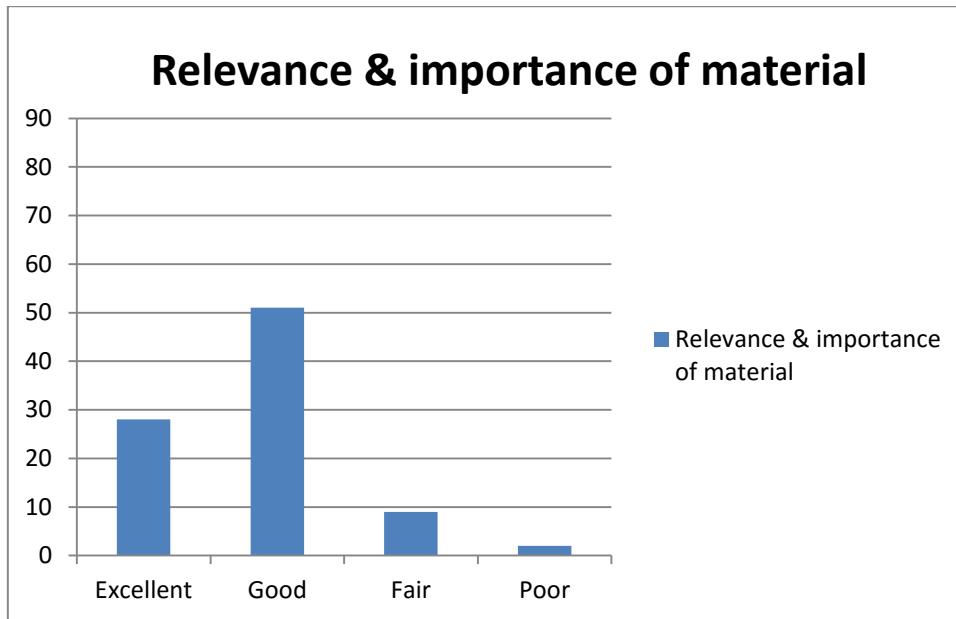
#### Feedback Analysis:

Feedback form was collected from the participants in last session of the workshop. The overall feedback of the workshop was very positive. Here are some of the feedbacks, which were given by participants.

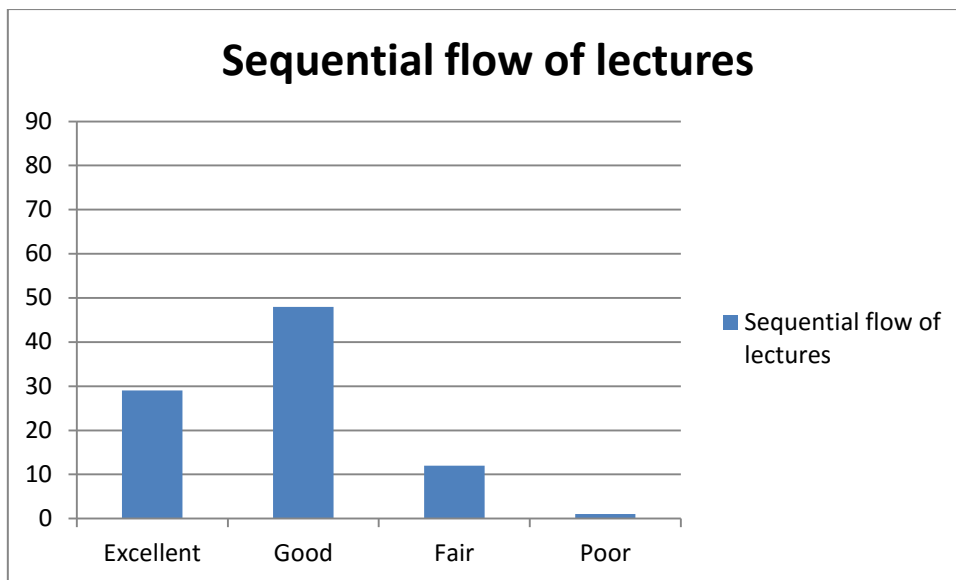
#### 1) Quality of Instruction?



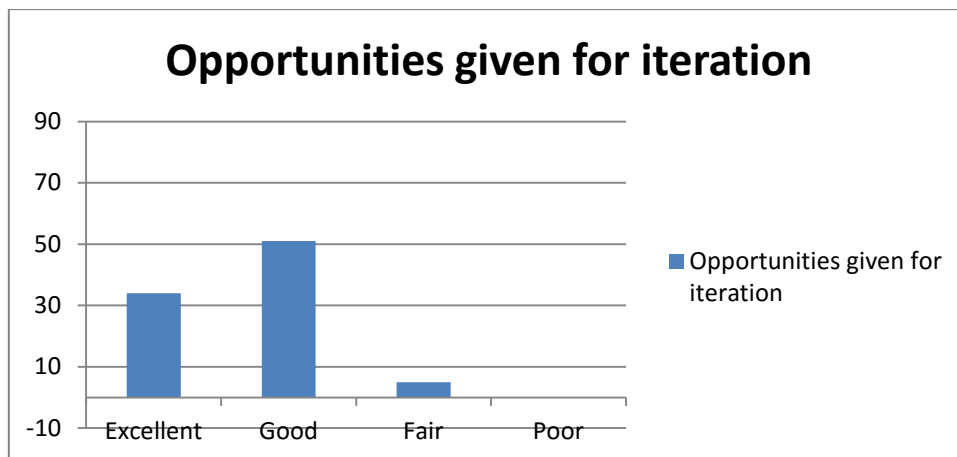
## 2) Relevance & Importance of Material?



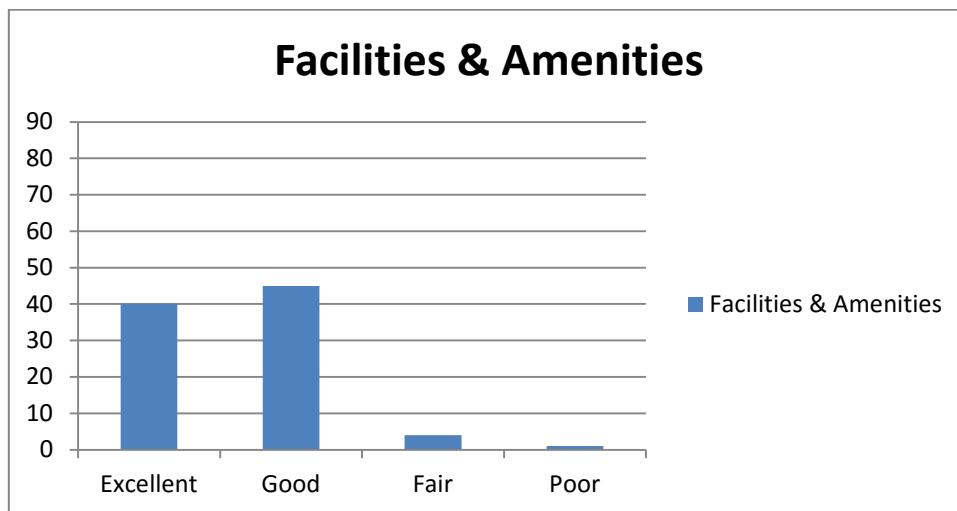
## 3) Sequential Flow of Lectures?



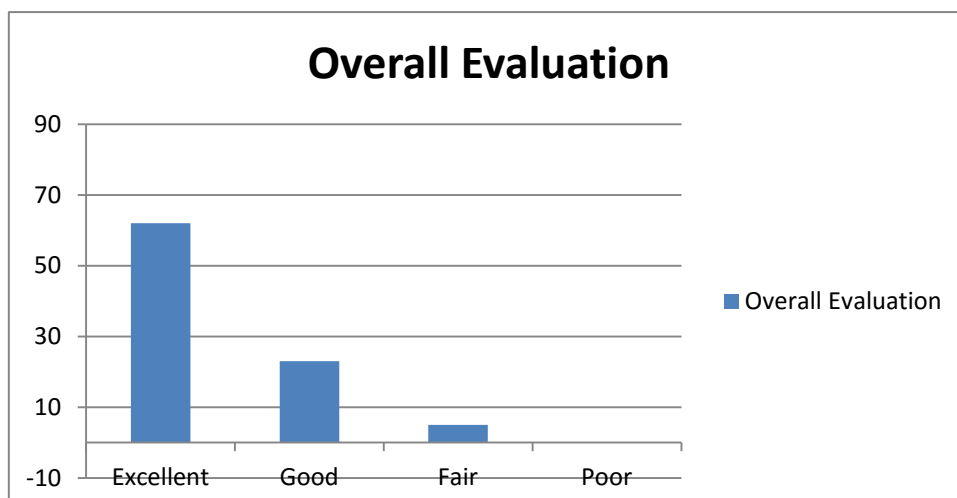
#### 4) Opportunities given for interaction?



#### 5) Facilities & Amenities?



#### 6) How was the overall Evaluation of the workshop?



**Press note of the Workshop:**



**Committee members of the Workshop:**

<b>Registration</b>	<b>Mr. Mayank Kapadia Mr. Naitik Nakrani</b>
<b>Publicity and Campaigning</b>	<b>Mr. Hiren Galiyawala Mr. Jayesh Munjani</b>
<b>Report Writing and Press Note</b>	<b>Mr. Mayank Kapadia</b>
<b>Certificate and Banner</b>	<b>Mr. Manish Nakrani Mr. Dharam Shah</b>
<b>Hosting &amp; Stage Decoration</b>	<b>Ms. Krupali Umaria Mr. Nikunj Tahilramani Ms. Dhara Marvadi</b>
<b>Photography</b>	<b>Ms. Kajal Mr. Ketan Tank</b>
<b>Food Committee</b>	<b>Mr. Nilay Desai</b>
<b>Feedback</b>	<b>Mr. Mayank Kapadia</b>