



**Sarvajanik Education Society**  
**Sarvajanik College of Engineering & Technology, Surat.**  
**Master of Computer Application Department**  
**Academic Year 2019-2020**

**Date: 10<sup>th</sup> October 2019**






**Report on R & D Talk**  
**on**  
**Importance of Research Hypothesis**

The research hypothesis is central to all research endeavors, whether qualitative or quantitative, exploratory or explanatory. At its most basic, the research hypothesis states what the researcher expects to find – it is the tentative answer to the research question that guides the entire study. Developing testable research hypotheses takes skill, however, along with careful attention to how the proposed research method treats the development and testing of hypotheses.

**With this outlook, as a part of lecture series under R & D Drive, MCA Department organized talk on “Importance of Research Hypothesis”.**

<b>Speaker:</b>	<b>Dr.Biraj Patel</b>
<b>Designation</b>	Assistant Professor, Post Graduate Department of Computer Science, Sardar Patel University, Vidhyanagar
<b>Date &amp; Time :</b>	<b>30<sup>th</sup> September , 2019 (10:45 AM to 12:45 Noon)</b>
<b>Venue:</b>	<b>N.J. Seminar Hall, SCET</b>
<b>Targeted Audience</b>	<b>Students and Faculties of MCA Department</b>
<b>Coordinated By:</b>	<b>Prof. Kaushika Pal</b>
<b>Participants:</b>	<b>100 Participants</b>

The session started with introduction of **Dr Biraj Patel** by **Prof. Sapana Desai**. **Prof. Prashant Keswani** welcome **Dr Biraj** with flowers. The talk encompassed following:

<b>Highlights of the Talk</b>	
	<b>Steps in research screening, economic feasibility, testing</b>
	<b>Components of research, objectives and importance of research hypothesis</b>
	<b>Fundamentals of Hypothesis</b>
	<b>Various functions of Hypothesis,</b>
	<b>Null Hypothesis, Alternative Hypothesis, Errors and their types</b>

The vote of thanks was proposed by **Prof. Zankhana Vaisnav**. **Prof. Kaushika Pal** presented memento to **Dr. Biraj**.

A discussion with **Dr. Chirag Paunwala** (Dean, R & D), **Dr. Pankaj Gohil** (Associate Dean, R & D), **Prof. Kaushika Pal** (Head – MCA Department and Coordinator) and **Dr. Alpa Shah** (R & D Representative – MCA Dept.) was conferred after the talk was over. Following are the highlights of the outcomes of the meet.

### Derivable of the Talk

- ✚ Dr. Biraj showed his readiness to guide the students and faculties in formulation of research hypothesis.
- ✚ Dr. Biraj showed his interest for collaborative research with the Institute.

We extend our gratitude to **Dr. Hiren Patel**, I/c Principal, SCET Engineering, for his continuous support and granting us permission to conduct the talk. We are also thankful to **Dr. Chirag Paunwala** (Dean – R & D) and **Dr. Pankaj Gohil** (Assoc. Dean – R & D) for their valuable suggestions and support.

Some glimpses of the talk are shared for your kindest perusal.



*Introduction to Speaker by Prof. Sapana*



*Welcome by Prof. Prashant*



*Students involved in learnings*



*Vote of Thanks by Prof. Zankhana*



*Memento Presentation by Prof. Kaushika*



*Interaction with R & D team*



*Group Photo*

*Report compiled by Dr. Alpa Shah*