



Department of Electronics and Telecommunication Engineering

**Report on AICTE-ISTE Approved One Week Short Term Training Program on
“Research methodology with Management techniques
And tools in research”**

The objective of the “Research methodology with Management techniques and tools in research” training program is to teach the techniques and technical paper writing and ethics in research. This STTP provides relation building of the institute with industry for collaboration. The purpose of this STTP is to bring together researchers, PG students, Engineers & Scientists to have discussions on the recent management tools and techniques in engineering research.

The purpose of this STTP is to bring together researchers & PG students from academia and Engineers & Scientists from industry and R&D institutes to have discussions on the recent methods in research techniques. This program also deals with the various ways to read and write the technical research papers which will help them to improve their paper writing skills. The STTP aims at equipping teachers with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

Topics Covered in STTP on “Research methodology with Management techniques and tools in research”

- Online research tools
- Optimization in research Methodology
- Industry and Institute Interaction & Industry Collaborative research
- Revenue generation through institute
- Technical Paper writing skills
- Research Data Analysis

At the end of STTP participants are able to

- The participants will learn the skills of technical paper writing.
- After the completion of this course the participants will have knowledge of industry and institute collaborative research.
- The participants will learn different online strategies and methods using different software and tools.



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- The participants will learn optimization in research methods
- The participants will learn the Research data analysis

The University of Mumbai introduced revised curriculum as per Choice Based Credit and Grading System which includes, Research Methodology as an Institute level course for the final year students. As new developments are introducing in industry day by day demanding expertise in the field of Research Methodology, it was felt necessary that the teaching faculty also become competent in the said field. In this training program we all participants visited IIT Central Library, Powai. With keeping this as an intension the AICTE-ISTE approved STTP was conducted from 2nd January to 7th January, 2019 in Electronics and Telecommunication Engineering Department, VIVA Institute of Technology.

Details of the speakers is as under

SN.	Name of the Guest Speaker	Details of the Speaker	Topics Addressed	Date
1	Mrs. Devshree Ugvekar	Librarian ,VIVA Institute of Technology, Virar	Online research tools	02/01/2019
2	Dr. Uday Pandit Khot	Professor, St. Francis Institute of Technology, Borivlli	Optimization in research Methodology	02/01/2019
3	Mr. Vaibhav Kotwal	Data Scientist, Morning Star, Navi Mumbai	Industry collaborative research & Revenue generation through institute	04/01/2019
4	Dr. Madhukar Dalvi	Mathematician & Statistician, Nagindas Khandwala College, Malad	Research Data Analysis	05/01/2019
5	Mrs. Aarti Karande	Profssor, MCA Dept., SPIT, Andheri	Technical Paper writing Skills	07/01/2019

Participants were the teaching faculty of Engineering College. Total of 12 faculty members participated in the One week Short Term Training Program conducted.

On the last day of STTP institute had received the feedbacks from the participants that they have learned and enhanced their knowledge in this STTP and they would always want to attend this kind of STTP in this institute once again. The overall feedback of the Training Program was encouraging and was highly rated by the participants.