

LIST OF BENEFICIARIES



Sinhgad Institutes

Sinhgad Technical Education Society

RMD SINHGAD TECHNICAL INSTITUTES CAMPUS

(Approved by AICTE & Affiliated to Savitribai Phule Pune University, Pune)

Off.: S. No. 111/1, Warje, Pune-Mumbai Bypass Highway, Pune – 411 058.

Phone: 020-29996622/33E-mail: principal.rmdssoe@sinhgad.edu Website: rmdstic.sinhgad.edu

Department of Information Technology Engineering
Enrolled Students for Student Training Program III & IV
Academic Year 2017-18

Roll No.	Name of Student	Roll No.	Name of Student
1	ADITYA SANJAY CHATARE	32	PRATIK PRADEEP HALKANCHE
2	AISHWARYA HARISH DUSANE	33	PRATIKA MADHUKAR FIRKE
3	AISHWARYA PRAKASH PATHAK	34	PRITI GIRISHRAO KACHAWAR
4	AKASH VIKAS BHANDARI	35	RAHUL RAJKUMAR DHAMEJA
5	AKSHAY BALU JAYBHAY	36	RAJENDRA KALYANKAR JAY
6	AKSHAY SHAHAJI WANJALE	37	RICHA RAJESH PATWA
7	AMAN ASHWIN SINGH	38	ROHAN RAJESH KUDALE
8	AMIT MANOHAR JOSHI	39	ROHIT RATNAKAR GHANKUTKART
9	AMIT SUBHASH SURYAWANSHI	40	RUSHIKESH NARAYAN PASTE
10	AMOL BALASAHEB JORE	41	RUTUJA DEEPAK SHINDE
11	ANIL BANDU GHUGE	42	RUTWIK KEDAR SANGAMESHWARKAR
12	ANUBHAV PUMPOSH NEHRU	43	SAHIL MANOJ KUMAR SINGH
13	HARSHADA INDERSEN RAJPAL	44	SANKET SHANKAR MATE
14	HARSHAL INDRAJIT PATIL	45	SHRUTI DAMODHAR SHRINATH
15	HIMANSHU LAXMIKANT KULKARNI	46	SHUBHAM ASHOK DHANKE
16	ISHAN KAMLESH SADAPHAL	47	SHUBHAM LALIT KATAKWAR
17	JAYSHRI VILASRAO SHINDE	48	SHUBHAM RAVINDRA KABIR
18	KASHMIRA CHANDRASHEKHAR CHAUDHARY	49	SHUBHAM SHRIKANT GAIKWAD
19	KESHAV SHRIPAT WARUNGASE	50	SHWETA SADASHIV JAGDALE
20	KOMAL VILAS JAGDTAP	51	SNEHAL BHARAT SALUNKE
21	KUSHAGRA DEWAKAR MISHRA	52	SNEHAL GAJANAN SHIMPI
22	LALIT SUBHASH AMRUTKAR	53	SOHAM SATISH GATE
23	LEENA EKNATH SARAF	54	SUYASH SANTOSH PATIL
24	MEGHA SANJAY RAJPUT	55	TANAYA KIRAN KUMTHEKAR



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25	NANDINI RAJENDRA MHETRE	56	TANVI NAVNATH BIRAJDAR
26	NAYANA SANJAY MORE	57	URVESHA UDAY JOSHI
27	NIKHIL MOHANRAO TAUR	58	VIRAJ SUBHASH AMBEKAR
28	NIKITA RAMESH JADHAV	59	YASH DHARMESH ALEKAR
29	NIKITA SHYAMBIHARI GAUD	60	YASHWANT ANANT DHOLE
30	NINAD VILAS PATIL		
31	PRAJAKTA BALIRAM NANDAVADEKAR		

Prajakta Kulkarni

Mrs. Prajakta Kulkarni
STP Coordinator

Sweta Kale

Mrs. Sweta Kale
H.O.D
IT Dept.





Sinhgad Institutes

Sinhgad Technical Education Society's
RMD SINHGAD TECHNICAL INSTITUTE CAMPUS

RMD Sinhgad School of Engineering Warje, Pune 58.

Department of Information Technology

Academic Year 2017-18 TE Semester –II

STUDENT TRAINING PROGRAM-IV SCHEDULE

STP-IV will be conducted for Third Year (TE-IT) students on every Wednesday 2:00pm to 4:00pm as per the following schedule.

Details are as follows:

Module No.	Name of Module	Date of conduction	Time
1	Research: Why and How?	21/02/2018 & 28/02/2018	2:00 pm-4:00 pm
2	Literature Review	07/03/2018 & 14/03/2018	2:00 pm-4:00 pm
3	Technical Writing	21/03/2018 & 28/03/2018	2:00 pm-4:00 pm

Venue: Class Room 523.

Prajakta Kulkarni

Mrs. Prajakta Kulkarni

Department level Coordinator

Sweta Kale

Mrs. Sweta Kale

HOD-IT

HOD

IT Engineering

RMD Sinhgad Technical Institutes Campus:
Warje, Pune - 411 058.





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RMD Sinhgad School of Engineering Warje, Pune 58.

Department of Information Technology

Report on STP IV Sessions

Sr. No	Event Details	
1)	Name of Event	Student Training Program
2)	Institute name	RMD Sinhgad Technical Institute Campus, Warje, Pune
3)	Venue of Event	TE Class Room 523
4)	Participants	TE IT Engineering Students
5)	Purpose	Introduction of Research Methodology.
6)	Date	21/02/2018 & 28/02/2018
7)	Faculty Coordinator	Mrs. Prajakta Kulkarni



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RMD SINHGAD TECHNICAL INSTITUTE CAMPUS
RMD Sinhgad School of Engineering Warje, Pune 58.
Department of Information Technology
Academic Year 2017-18 TE Semester –II

STP-IV Schedule Summary

STP-IV will be conducted for Third Year (TE-IT) students on every Wednesday 2:00pm to 4:00pm as per the following schedule.

Module No.	Name of Module	Date of conduction	Time	Present Student Out of 60	Name of Faculty
1	Research Why & How	21/02/2018 & 28/02/2018	2:00 pm-4:00 pm	54	Prof. Prajakta Kulkarni
2	Literature Review	07/03/2018 & 14/03/2018	2:00 pm-4:00 pm	57	
3	Technical Writing	21/03/2018 & 28/03/2018	2:00 pm-4:00 pm	55	

Detailed Report

Student Training Program

Student Training Program (STP) is incorporated into the curriculum to help prepare and evaluate the students in technical and non technical skills. As a part of STP, subject wise, all lectures are conducted by faculty members. This is a LAN based resource to help students learn and revisit concepts discussed in the class. The training provided is based on the need of the students to enhance the employability opportunity and higher education in India as well as abroad. STP program is spread over 7 semesters and total duration of program is 120 plus hours. STP program is designed to provide training and practice on soft skills, technical fundamentals, value added components, quantitative aptitude and logical reasoning, group discussion and interview preparation, research methodology. Sinhgad's student training program combines technology with education and builds students' technical and non-technical skills!

The program is designed to be fun, interesting and engaging for all students. Each session includes group discussions, individual exercises, teaching and internet support. The student training program is all about involving students and their own experiences of learning. It is often a real revelation to students to hear how other students are coping and the strategies that they are using to help themselves succeed. Students come away with practical strategies that they can use immediately.

Worldwide, advancement in technology has revolutionized the scope of engineering education and redefined expectations from engineering graduates. At STES, a need was identified to start an innovative "***Student Training Program***" that would help the students to build a personality equipped with exquisite technical and non-technical skills. The aim of this program is "*to enhance the quality of the students by empowering them with skills those are globally at par*"

The objectives of this program are to:

- Enhance the employability opportunity
- Prepare students for entrepreneurship
- Prepare students for higher education in India as well as Abroad

Every session will constitute of:

- Theory
- Activity
 - Pre-defined students will perform the activity
 - Every week, different set of students will get a chance to perform the activity

Sessions in STP-IV will be delivered by trained in-house faculty and by expert trainers. STP IV Research methodology consists of a total of three sessions. Session I consists of "Research why

and how?" Session II depends on "Literature Review". Session three consists of "Report Writing".

In Session I the detailed introduction about Research and how to start with any research work has been explained to students. In session II the most important part of any research Literature Review, the most important and basic aspect to proceed with particular research work, is the preliminary task to be done. In Session III Report Writing, once the research is done proper arrangement of data and drafting of report plays a vital role.

A SUMMARY ON

STUDENT TRAINING PROGRAM-IV

Research methodology is the specific procedures or techniques used to identify, select, process, and analyze information about a topic. In a research paper, the methodology section allows the reader to critically evaluate a study's overall validity and reliability. The methodology section answers two main questions: How was the data collected or generated? How was it analyzed?

Research allows you to pursue your interests, to learn something new, to hone your problem-solving skills and to challenge yourself in new ways. Working on a faculty-initiated research project gives you the opportunity to work closely with a mentor—a faculty member or other experienced researcher.

Why should you consider getting involved in research and creative scholarship.

- Gain hands-on experience completing a research or creative project.
- Work closely with a faculty mentor and have the opportunity to connect with other faculty and other student researchers who work in your area of interest.
- Earn academic credit, scholarships, stipends and/or other awards for having conducted research.
- Hone your leadership and teamwork skills as you collaborate with others.
- Gain academic credentials that will help create a well-rounded resume, publishing your work and working with a research team.
- Learn valuable life skills for life and class such as professionalism, time management, learning how to use online research tools.
- Learn valuable skills for life and class (professionalism, time management, multi-tasking, online research tools).
- Learn to effectively communicate your ideas and how to analyze and critique the work of others.
- Assisting in research gives you hands-on experience in your field.
- You gain a deeper understanding of the scientific process... develop research questions and form and test your hypotheses.
- You learn what it's like to work in a lab and learn about the planning of experiments, writing grants and how to report findings.

- You can get paid. Sometimes as an employee and sometimes as a scholarship
- You can publish your work. If you help a faculty member they will mention your work, or you
- An excellent opportunity to develop relationships with faculty members who work in your area of interest and make connections with other students working on research. You will build a strong working relationship with a faculty mentor and be able to ask for a letter of recommendation.
- An opportunity to hone your leadership and teamwork skills as you collaborate with others.
- Opportunity to discover new knowledge and expand about what you already know.
- Create a well-rounded resume--you will show "hands-on" experience. You know how to produce results.

You should try to take advantage of every opportunity to make the most of your college experience. Engaging in projects, whether in a laboratory, a library, a music or art studio, or elsewhere, is a good way of developing your talents and abilities, finding out the kind of work you are good at, and preparing for graduate study or a career. Such projects often lead to presentations at professional conferences, which can be a great asset as you apply for graduate school, scholarships, or even jobs.

Every field of study has its own research problems and methods. As a researcher, you seek answers to questions of great interest to you. Your research problem could be aesthetic, social, political, scientific or technical. You choose the tools, gather and analyze the data, and report your findings to a wider audience.

STP IV Module 1 Research Why & How

Date and Day – Wednesday, 21/02/2018 & 28/02/2018

Venue- Class Room 523

Aim: To make the students aware about why and how research is an important part of the technical field.

Objective:

- **To encourage the students for numerous research domains.**
- **To enhance the students' innovative skills and intellectual development.**
- **To specifically focus on the research-oriented projects-based learnings.**
- **To gain a full and accurate understanding of research ideas.**

Significance of STP IV Module 1

STP IV Module 1 Research why & How demonstrates strategies aimed to improve active research and innovative skills in students, which proposed to increase students' academic achievement. Module 1 Research Why & How sessions are very helpful to the students to execute the research work in the respective field of interest so that the students will be able to take part in numerous research conferences and journals.

The most Effective and powerful way to connect technical research studies is to invent innovative ideas and implement them in real life scenarios.

About Research Why & How

What is Research Methodology?

Research methodology is a way of explaining how a researcher intends to carry out their research. It's a logical, systematic plan to resolve a research problem. A methodology details a researcher's approach to the research to ensure reliable, valid results that address their aims and objectives. It encompasses what data they're going to collect and where from, as well as how it's being collected and analyzed.

Why is the Research Methodology Important?

A research methodology gives research legitimacy and provides scientifically sound findings. It also provides a detailed plan that helps to keep researchers on track, making the process smooth,

effective and manageable. A researcher's methodology allows the reader to understand the approach and methods used to reach conclusions. Having a sound research methodology in place provides the following benefits:

Other researchers who want to replicate the research have enough information.

Researchers who receive criticism can refer to the methodology and explain their approach.

It can help provide researchers with a specific plan to follow throughout their research.

The methodology design process helps researchers select the correct methods for the objective.

Types of Research Methodology

When designing a research methodology, a researcher has several decisions to make. One of the most important is which data methodology to use, qualitative, quantitative or a combination of the two. No matter the type of research, the data gathered will be as numbers or descriptions, and researchers can choose to focus on collecting words, numbers or both. Here are the different methodologies and their applications:

Qualitative

Qualitative research involves collecting and analyzing written or spoken words and textual data. It may also focus on body language or visual elements and help to create a detailed description of a researcher's observations. Researchers usually gather qualitative data through interviews, observation and focus groups using a few carefully chosen participants.

This research methodology is subjective and more time-consuming than using quantitative data. Researchers often use a qualitative methodology when the aims and objectives of the research are exploratory. For example, when they perform research to understand human perceptions regarding an event, person or product.

This research methodology is objective and is often quicker as researchers use software programs when analyzing the data. An example of how researchers could use a quantitative methodology is to measure the relationship between two variables or test a set of hypotheses.

Mixed Method

This contemporary research methodology combines quantitative and qualitative approaches to provide additional perspectives, create a richer picture and present multiple findings. The quantitative methodology provides definitive facts and figures, while the qualitative provides a

human aspect. This methodology can produce interesting results as it presents exact data while also being exploratory.

Types of Sampling design in research methodology

When creating a sample design, a researcher decides from who or what they'll collect data. They also choose the techniques and procedures they'll use to select items or individuals for the sample. There are several types of sample design that fall into two main categories:

Probability sampling

This sampling method uses a random sample from the pool of people or items you're interested in, called the population, and is random or chance sampling. Every person or item in the population has an equal chance of being selected. Using this method is the best way to get a truly representative sample, and researchers can generalize the study's results to the entire population.

Non Probability Sampling

Non-probability sampling is not random, as the researcher deliberately selects people or items for the sample. Researchers also refer to this method as deliberate sampling, judgment sampling or purposive sampling. Every person or item in the population doesn't have an equal chance of being selected, and the results are typically not generalizable to the entire population.

Outcome:

- **Students will be able to symbolize the research problems in academics.**
- **Research enables students to think in innovative ways for the technical application of syllabus problems.**
- **Researchers will be able to think critically to file patents in inventions.**
- **Students will be able to improve the diverse multidisciplinary innovations.**

PHOTOGRAPHS:



Session on Research: Why and How?-28/02/2018



Session on Research: Why and How?-28/02/2018

Conclusion:

“To enhance the quality of engineering students by empowering them with skills that are globally important, STP IV will be beneficial to students”.

Prajakta Kulkarni

Mrs. Prajakta Kulkarni

Department level Coordinator

Sweta Kale

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