



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: 020-29996622/33 E-mail: [principal.rmdssoe@sinhgad.edu](mailto:principal.rmdssoe@sinhgad.edu)

Website: <http://rmdstic.sinhgad.edu>

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## Department of Computer Engineering

Academic Year 2022-23 BE Semester –II

### STP-V Schedule

STP-V will be conducted for Final Year BE-Computer Students as per the following schedule.

Details are as follows:

Module No.	Name of Module	Date of conduction	Time
1	Machine Learning	10/05/2023	10:00 AM to 4:00 PM
2	Deep Learning	11/05/2023	10:00 AM to 4:00 PM
3	Natural Language Processing	12/05/2023	10:00 AM to 4:00 PM

Mrs. Rohini Rankhamb  
Mrs. Pradnya Kasture  
**STP-V Coordinator**

Mrs. Rohini Rankhamb  
**Department STP Coordinator**

Mrs. Vina Lomte  
**Head of Department**



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Department of Computer Engineering

Academic Year 2022-23 BE Semester –II

## Report on STP V Sessions

Sr. No	Event Details	
1)	<b>Name of Event</b>	Student Training Program
2)	<b>Institute name</b>	RMD Sinhgad Technical Institute Campus, Warje, Pune
3)	<b>Venue of Event</b>	Computer Center Lab
4)	<b>Participants</b>	BE (A & B) Computer Engineering Students
5)	<b>Purpose</b>	Introduction of Research Methodology.
6)	<b>Date</b>	10/05/2023 to 12/05/2023
7)	<b>Faculty Coordinator</b>	Prof. Rohini Rankhamb Prof. Pradnya Kasture

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Department of Computer Engineering

Academic Year 2022-23 BE Semester –II

## Report on STP V Sessions

Sr. No	Particular	Details
1)	Name of Program	Student Training Program-VAP (STP-V)
2)	No. of Students attended	179
3)	Duration	18 Hrs
4)	Curriculum (VAP)	<ul style="list-style-type: none"><li>• Machine Learning</li><li>• Deep Learning</li><li>• Natural Language Processing</li></ul>
5)	Assessment Procedure	Hands-on Training
6)	Detailed report along with list of the enrolled students (With Signature and certificates)	Attached the details
7)	Outcomes	Students Successfully completed Value Added Program and were able to perform real time applications on ML, DL and NLP.

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**Department of Computer Engineering**

**Academic Year 2022-23 BE Semester –II**

**STP-V Schedule Summary**

STP-V has been conducted for Final Year Computer Engineering Students as per the following schedule.

**Schedule for Class BE A&B**

<b>Module No.</b>	<b>Name of Module</b>	<b>Date of conduction</b>	<b>Time</b>	<b>Present Student Out of 179</b>	<b>Name of Speaker</b>
1	Machine Learning	10/05/2023	10:00 AM to 4:00 PM	175	Mr. Anshul Varma
2	Deep Learning	11/05/2023	10:00 AM to 4:00 PM	177	Mr. Anshul Varma
3	Natural Language Processing	12/05/2023	10:00 AM to 4:00 PM	179	Mr. Anshul Varma

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## A

### Report on

### Student Training Program- V (VAP)

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!

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-V was delivered by expert trainers. STP V was advance subject activity consists of a total of three sessions as given in schedule.



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In Session I, the detailed introduction about Machine learning and hands on taken on machine learning experiments. In session II, the content of Deep learning- Introduction, Concepts, Applications was covered. In Session III, Introduction of Natural language processing and lab assignments on NLP was conducted.

A three-day training on 'Machine Learning, Deep Learning and NLP' was organized by the Computer Engineering for the BE students of STES's RMD Sinhgad School of Engineering on 10/05/2023 to 12/05/2023. Mr. Anshul Varma, from Geeks Lab, Delhi were the resource person of the training program.

STP program is designed to provide training and practice on technical fundamentals, value added components. It is based on the need of the students enhance the employability opportunity and higher education in India as well as abroad

The program was inaugurated in Computer Center lab at 10:30 AM. Ms. Ruchira Rajage, one of the student of BE class, Department of Computer Science and Engineering, RMDSSOE welcomed the gathering and introduced the resource persons. Guest Felicitation was done by Prof. Pradnya Kasture and she inspired students to keep learning and gaining knowledge. Coordinator Prof Rohini Rankhamb coordinator of STP V briefed about the student training program ML, DL and NLP

The three day workshop comprised of three sessions. The resource persons shed lights on the concepts of Machine learning and its types on the first session followed by a hands-on session on Machine Learning during the second session of first day. The students were challenged with a set of practical exercises based on python programming at the end of the first day.

On the second day, the first session focused on understanding basic concepts of Deep Learning and its applications. The practical exercise based on Deep learning using python programming was performed by students in second and third session.

At the end of this workshop feedback was taken from the speakers regarding the hospitality and the student also had given excellent feedback for the workshop. Exemplary duty was shown by the organizing team and the speakers showed their complacent through their speech during the valedictory.

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## STP V Module 1

### Machine learning

**Date and Day** – Wednesday, 10<sup>th</sup> May 2023

**Venue-** Computer Center Lab

**Aim:** To make the students aware about Machine learning and its concepts

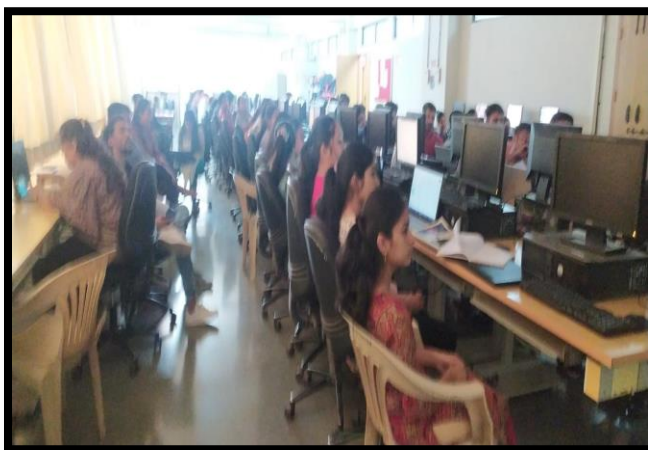
#### PHOTOGRAPHS:



Guest Felicitation by Prof. Pradnya Kasture



Guest Introduction by Ruchira Rajage



Students attending the session

#### Outcome:

- Students are able to perform real time applications on ML

## STP V Module 2

### Deep learning

Date and Day – Thursday, 11<sup>th</sup> May 2023

Venue- Computer Center Lab

Aim: To make the students aware about Deep learning and its concepts

#### PHOTOGRAPHS:



#### Outcome:

- Students are able to perform real time applications on Deep learning.



## STP V Module 3

### Natural Language Processing

**Date and Day** – Friday, 12<sup>th</sup> May 2023

**Venue-** Computer Center Lab

**Aim:** To make the students aware about natural language processing and real time applications

#### PHOTOGRAPHS:



#### Outcome:

- Students are able to perform real time applications on Deep learning

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