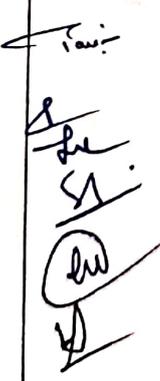**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY**
FRESHMAN ENGINEERING DEPARTMENT
Student Induction Program: 2024 - 25
SUMMARY REPORT ON EVENT ORGANIZED

ACADEMIC YEAR : 2024-2025	
Date of Event organized & Time	First week
Name of the course	STUDENT INDUCTION PROGRAM
Title of the course	Remedial Training in Foundation Courses
Resource persons	Faculty of Maths, English, Physics, Chemistry & Computer Science Engineering
Brief Report on the Event	The remedial training program aimed to support students in improving their understanding and proficiency in foundation courses - Maths, English, Physics, Chemistry, and Computer Science - ensuring they meet the academic standards required for their respective programs.
Year/Semester	I YEAR /I SEM
No. of the participants	All I B. Tech. students
Consolidated Feedback	Good
Suggestions if any	---
Name of the Co-ordinators	Dr. P. Pavani, Asst. Prof., FED Dr. S. Lakshmi Tulasi, Asst. Prof., FED Dr. T. Preeti Rangamani, Asst. Prof., FED Mrs. P. Lakshmi Lavanya, Asst. Prof., FED Dr. G. Sree Devi, Asst. Prof., FED Mrs. T. Krishna Sree, Asst. Prof., FED
Signature of the Co-ordinators	
Signature of the HOD	

Name of the Course: Remedial Training in Foundation Courses

Faculty: Faculty of Maths, English, Physics, Chemistry Computer Science and Engineering

Objectives:

The objectives of fundamentals of mathematics course:

- To equip students with a robust grasp of fundamental mathematical concepts, preparing them for more advanced mathematics courses.
- To enhance students' capability to tackle diverse mathematical problems, promoting critical thinking and analytical skills.
- To boost students' proficiency in arithmetic, algebra, geometry, and other key mathematical areas.
- To empower students to apply mathematical principles to real-world scenarios, such as budgeting, data analysis, and decision-making.

The objectives of fundamentals of English course:

- To develop students' proficiency in reading, writing, speaking, and listening in English.
- To enhance students' ability to communicate clearly and effectively in both written and spoken English.
- To instruct students on the basics of English grammar, including sentence structure, verb tenses, and parts of speech, while expanding their vocabulary.
- To improve students' skills in understanding and analysing various texts, ranging from literature to informational materials.
- To help students excel in writing different types of texts, such as essays, reports, emails, and creative pieces, with a focus on organization, clarity, and coherence.
- To promote critical thinking by encouraging students to evaluate and critique texts, arguments, and ideas.

The objectives of fundamentals of physics course:

- To understand the basic concepts of physics, including Newton's laws of motion, the laws of thermodynamics, and the theory of relativity.
- To cultivate the ability to apply physics principles to solve a wide range of problems and scenarios.
- To foster critical thinking and the use of the scientific method in investigating and analysing physical phenomena.
- To improve mathematical skills, as they are essential for many physics calculations.

The objectives of fundamentals of chemistry course

- Establish a strong foundation in chemistry to support further studies in chemistry and related fields.
- Develop the skills needed to analyse and solve diverse chemical problems and challenges, both theoretical and practical.
- Gain an understanding of how chemistry is applied in various industries and everyday life, including pharmaceuticals, environmental science, food production, and energy.
- Recognize the importance of safety in chemical experiments and processes, emphasizing responsible and ethical practices.

The objectives of learning the fundamentals and concepts of programming

- Attain a solid understanding of logical thinking and problem-solving, which are crucial for programming.
- Learn to design and implement algorithms to solve a wide range of problems efficiently.
- Explore techniques for optimizing code to enhance performance and efficiency.
- Improve problem-solving skills by translating real-world problems into effective code solutions.

About the Topic/ Activity:

To provide comprehensive insights to the students, several activities were organized during the Induction Program. One such activity was remedial classes training, where students received instruction in the fundamentals of English, Mathematics, Physics, Chemistry, and Programming concepts.

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