



**GUJARAT TECHNOLOGICAL UNIVERSITY**

**A  
Report  
on**

**INDUCTIONPROGRAM (2022)**

**A mandatory course for each branch of Engineering of First  
Year Degree Program**



**APOLLO INSTITUTE OF ENGINEERING AND  
TECHNOLOGY**

**SNME Campus, Near S.P. Ring Road Circle,  
GJSH68, Nava Naroda, Enasan, Gujarat 382330**

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## 1. INITIALPHASE(FIRST DAY)

### ONE WEEK INDUCTION TRAINING PROGRAMME FOR NEW STUDENTS

(26-9-2022-30-9-2022)

#### OBJECTIVE

The objectives of the programme is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature. The time during the Induction Program is also used to rectify some critical lacunas and sensitize them towards exploring their academic interest and activities, reducing competition and making them work for excellence, build relations between teachers and students and overall personality development.

- a)Physics
- b)Computer
- c)Mathematics
- d)Electrical
- e)EducationalVisit
- f) YogaandTeamActivity
- g)Sports

The following major activities under the induction programme in which the students would be fully engaged throughout the day for the entire duration of programme, this includes:

Then all the class mentors of respective departments escorted the students to their respective seminar halls, for the orientation program's welcome speech by **Honorable Principal,Dr.SheetalShah**.She conveyed her message of assurance of global need-based qualityeducation, the best laboratory framework,and enhanced placement at AIET.After the welcomespeech,classmentors took the students along with them for a college and departmental visit to library,canteen,and various AIET campus amenities.

## **2. REGULARPHASE**

### **a) Physics:**

**Name of the Faculty Members:Mr.UtsavKotia**

Physics is a field where everything needs to be explored in all aspects. In the Physics session, various activities explaining the concept of Physics which we use and see in our day-to-day life were performed by students and later explanation was explained to students. Concepts like the center of mass, Air pressure, heat absorption, Distribution of weight, Friction, and Surface Tension were shown and explained to students.



## b) Computer:

### Name of the facultyMembers:



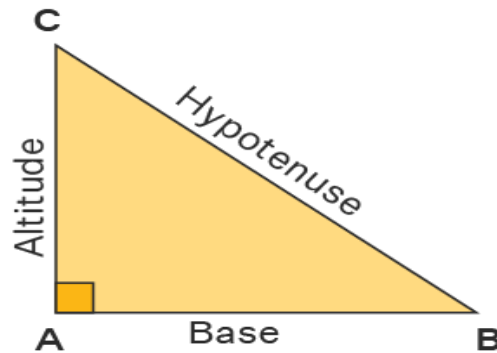
In this session, students were taught Google Classroom, Computer Hardware, Microsoft Office, and Operating system. In Google Classroom session taught how to join the classroom, Registration, login, share file assignments, study material, submit assignments, and other work. Google Classroom is a very useful tool for both faculties and students. A session on Computer Hardware was conducted in an induction program. they got knowledge about computer parts and all hardware devices which we are using right now around the world. We have shown them and explained the use of these parts in our computer system. We have computer parts like CPU, CPU fan, Hard Disk, Graphic Card, Sound Card, Video Card, etc. We explained each part in detail and the use of these parts in the computer system. In Microsoft Office students take some basic idea regarding MS word, MS Excel and Microsoft office Powerpoint. As Operating System is the key component of many systems, it is very necessary to understand the related systems that work with the Operating Systems. Concurrency, resource management, performance analysis, interfaces with complexity, and computer system design of a computer system Operating System is some of the topics students were made familiar with.



**c) Mathematics:**

**Name of the faculty members :Prof.VipulPatel**

A session on Mathematics was conducted by Prof. Vipul Patel. Students were made familiar with the idea of Vedic Mathematics and Pythagorean Theorem. He also taught how it can make studying mathematics interesting. Other various Mathematical aspects of Mathematics were also discussed with students through various activities.



**d) Electrical:**

**Name of the faculty member: Mohd. Javed Khan**

To give a formal introduction to engineering to students. In this session, students built a waterlevel indicator using resistors and transistors with three levels that consist of inside a tank with the help of 3 LEDs to indicate that the tank is full. All the necessary guidance and material was provided to students.



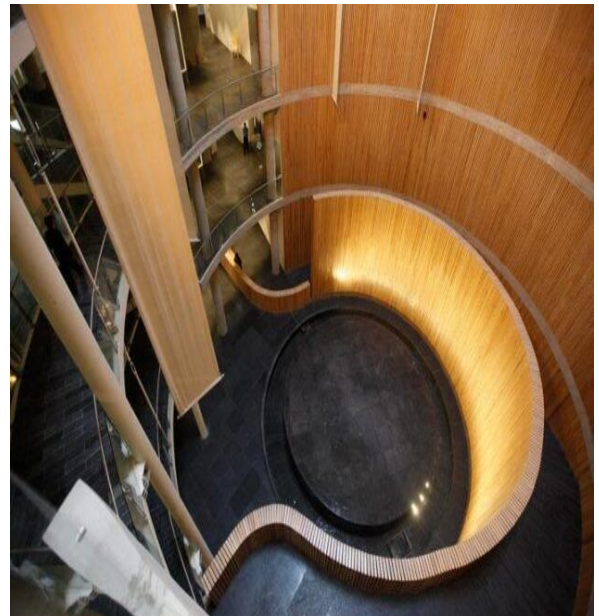


## e) Educational Visit

### VISIT TO Mahatma Mandir:

**Location** – Mahatma Mandir is a convention cum exhibition centre and a memorial located at sector 13, Gandhinagar, Gujarat, India.

**About:**It is inspired from life and philosophy of Mahatma Gandhi. Its planning and designing is environment friendly. It is one of the biggest convention centre of India spread over 34 acres. It was developed by Government of Gujarat. Business meets like Vibrant Gujarat Global Investor Summit 2011 and 2013 were organized here.



Students of AIET under the component of SNM have visited Mahatma Mandir. This Museum is specially designed on the Biography of Mahatma Gandhi the initiator of Disobedience and nonviolent movements for the independence of India. This museum is designed with sophisticated electronic Technology in which audio, video, and 3D visual, 360-degree shows and display are used to show the varied life events of Mahatma Gandhi.



## f) Yoga Session:

**Name of the faculty Members:**

**Entire session was divided in three parts:**

**In the first part**, importance of yoga and benefit so doing yoga regularly were discussed.

**In second part**, a sequence of yoga asana and pranayama was followed. It mainly covered following asanas and pranayama. Warm up exercise and Surya namaskar. Sitting asanas: vajrasana, shashank asana, vakrasana, padmaschimottan asana. Standing asanas: vriksh asana, padhasht asana, tad asana, ardhachakrasana. Lying asanas: hala sana, sarvang asana, dhanurasana, naukasana, shavasana. Pranayama: Anulomvilom, Kapalbhata i, Bhastrika.

**In the third session**, meditation and relaxation was practiced to attain peace of mind.



## g) Sports:

**Name of Faculty: Prof. Sandeep Kumar**

The session on Physical activity was conducted by Prof. Sandeep Kumar. In the first activity, the Importance of Yoga and the benefits of doing Yoga regularly was explained to students. Students played indoor games like Chess, Carom, and Badminton and Outdoor games like Cricket, Volleyball, Basketball, and kabaddi.



## **CLOSING PHASE**

In the closing Phase, all the Students of respective branches were asked to give their feedback about the Induction Program and they were asked to submit their feedback report to their respective class mentors. Also, class mentors briefed the students on -how to write Induction Program Report. Finally, the Core Committee members of the Induction Program visited all the classrooms and concluded the Induction Program.

## 2. INDUCTIONPROGRAMTIMETABLE

<b>APOLLO INSTITUTE OF ENGINEERING &amp; TECHNOLOGY</b>			
<b>INDUCTION PROGRAM MASTER TIME TABLE - 2022</b>			
<b>From 26-09-2022 to 30-09-2022</b>			
<b>Day</b>	<b>Date</b>	<b>Time</b>	<b>CLASS-1 (305)</b>
Monday	09/26/2022	09:15 to 12:00	Orientation Programme Seminar Hall (Know your Institute, Know the staffs and amenities of the Institute, Get information about exam pattern and study pattern)
		12:00 to 01:00	High Tea
Tuesday	09/27/2022	09:15 to 10:10	Physics Prof. Utsav A. Kotia
		10:10 to 11:05	
		11:05 to 11:30	<b>RECESS</b>
		11:30 to 12:25	Computer (CE-1)
		12:25 to 01:20	
Wednesday	09/28/2022	09:15 to 10:10	Mathematics Prof. Vipul R. Patel
		10:10 to 11:05	
		11:05 to 11:30	<b>RECESS</b>
		11:30 to 12:25	Electrical Prof. Javed Khan
		12:25 to 01:20	
Thursday	09/29/2022	09:15 to 10:10	Visit to Mahatma Mandir
		10:10 to 11:05	
		11:05 to 11:30	
		11:30 to 12:25	
		12:25 to 01:20	
Friday	09/30/2022	09:15 to 10:10	Yoga & Team Activity
		10:10 to 11:05	
		11:05 to 11:30	<b>RECESS</b>
		11:30 to 12:25	Sports Prof. Sandeep Kumar
		12:25 to 01:20	