
THE ALL ROUNDER INTERNSHIP 1 DIARY 2024

Name of the student :

Program : **CT/ECE/ME**

Register no. :



**GOVERNMENT POLYTECHNIC COLLEGE
PERUMBAVOOR**

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Activity 8	Familiarizing Computer Hardware	Date :
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1. List the various components of a computer.

2. From your observation, write the configuration of a desk top or laptop which you want to purchase. Mention the approximate cost and Justify your requirement.

5. **Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.

Program Specific Outcomes (PSOs):

PSO1: Specialization Knowledge.

PSO2: Professional Growth. Generate ideas from the knowledge of engineering specialization leading to professional growth.

PSO3: Entrepreneurship. Apply knowledge and understanding of engineering principles to initiate Entrepreneurship ventures.

Evaluation Rubrics:

CO n	Description	Mapping
CO3:	Demonstrate the ability of learning current technological trends.	PO6, PSO2
AP1:	Does the student demonstrates an interest in learning and is interactive? (CO3) (Activity 2 to 8)	
	1. The student is absent or not showing any interest.	(0 marks)
	2. The student is attentive but not interactive	(1 mark)
	3. The student is very attentive, responds and raises queries	(2 marks)
AP2:	Has the student documented his experience of the session? (CO3) (Activity 2 to 8)	
	1. The student is absent or not had submitted the record or is considered incomplete.	(0 mark)
	2. The student has submitted the record but is not proper or copied or incomplete.	(1 mark)
	3. The student has submitted the record, the record is proper and the work is genuine.	(2 marks)
CO2:	Demonstrate sustainable engineering practices for the benefit of the society.	PO5
AP3:	Does the student adheres to the safety measures of the lab and listen carefully to instructions? (CO2) (Activity 2 to 8)	
	1. The student is absent or not adhering to safety rules or not obeying instructions given.	(0 mark)

Signature and Name of the faculty in charge:	Marks:
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2. The student is adhering to safety rules but not obeying instructions given by the trainer. (1 mark) 3. The student is adhering to safety rules and obeying instructions given by the trainer. (2 marks)	
AP4: Is the student systematic in attending to online sessions and record his activities? (CO3) (Activity 9) 1. The student is absent or irregular or not documented his sessions. (0 marks) 2. The student is irregular but had documented his sessions. (1 mark) 3. The student is very regular, and had properly documented his sessions. (2 marks)	
AP5: Has the student received his certification? (CO3) (Activity 9) 1. The student had not attended the session of spoken tutorial or is not certified. (0 marks) 2. The student had attended few sessions of spoken tutorial and only 1 certificate is received. (5 marks) 3. The student had attended all sessions of spoken tutorial and 2 certificates received (10 marks)	
CO4: Assimilate engineering responsibilities and professional ethics.	PO5
AP6: Is the student systematic in attending to sessions? (Activity 2 to 8) 1. The student is absent for all session or irregular in all sessions. (0 marks) 2. The student is absent for one session. (1 mark) 3. The student had attended all sessions. (2 marks)	

Activity 7	Familiarizing Computer Networks	Date :
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1. List the various components of a computer network.

2. Draw a rough sketch of a our campus network.

Signature and Name of the faculty in charge:	Marks:
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Activity 6	Working with machines	Date :
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1. List the various machines and manufacturer which you had seen.

2. Draw a rough sketch of a lathe and mark major parts.

Signature and Name of the faculty in charge:	Marks:
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INTERNSHIP CERTIFICATE

This is to certify that

Reg.No. ----- has successfully completed an

"The All Rounder" internship 1 program from 20.05.2024 to 31.05.2024 and additional 1 week of spoken tutorial.

His / Her performance is evaluated at Marks out of a maximum of 75

Signature of Faculty Advisor

Head of the Department

Faculty in charge/Examiner 1

Examiner 2

Date :

Place: Perumbavoor

CO1: Demonstrate the importance of teamwork in engineering.	PO6, PSO2
AP7: Has the Student Participated in the Industrial Visit? (CO1)	
	(Activity 1)
1. No	(0 mark)
2. Yes	(3 mark)
AP8: Is he punctual, disciplined and responds to instructions.? (CO4)	
	(Activity 1)
1. The student is absent or not responds to instructions.	(0 mark)
2. The student is disciplined and responds positively to instructions but not mingling with fellow students	(1 mark)
3. The student is punctual, disciplined, responds positively to instructions and shows good leadership skills.	(2 marks)
AP 9: Is the student good in observation? (CO1)	
	(Activity 1)
1. The student is absent or not submitted record.	(0 mark)
2. The Student has attended but got him selves distracted occasionally.	(1 mark)
3. The student is very attentive and responds with positive questions.	(2 marks)

INDEX

Sl	Activity	Date	Marks (75)
1	Industrial Visit at KSEB Power Generation		(7)
2	Printed Circuit Board Design		(8)
3	Arduino and Robotics		(8)
4	Fabrication Lab		(8)
5	Drone Technology and CADD		(8)
6	Working with machines		(8)
7	Familiarizing Computer Networks		(8)
8	Familiarizing Computer Hardware		(8)
9	Spoken Tutorial		(12)
Total			(75)

Activity 5	Drone Technology and CADD	Date :
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1. List the various components of a drone.

2. Draw a rough sketch of the drawing demonstrated in the CADD Lab?

Signature and Name of the faculty in charge:	Marks:
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Activity 4	<i>Fabrication Lab</i>	Date :
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1. List the machines which you have seen in the FABLab? Write the name of the manufacturer of each machines.

2. List the procedure of how a work is done on the CNC machine?

Signature and Name of the faculty in charge:	Marks:
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Activity 1	<i>Industrial Visit KSEB power generation facility</i>	Date :
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1. List the machines which you have seen in the facility?

2. Draw a simple block diagram/sketch to describe the power generation facility.

Signature and Name of the faculty in charge:	Marks:
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Activity 2	<i>Printed Circuit Board Design, Prototyping</i>	Date :
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1. List the machines and tools which you have seen in the laboratory?

2. List the procedure for preparing a PCB prototype?

Signature and Name of the faculty in charge:	Marks:
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Activity 3	<i>Arduino and Robotics</i>	Date :
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1. List any three Arduino boards?

2. Draw any one interfacing with Arduino Uno?

Signature and Name of the faculty in charge:	Marks:
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