



# GUJARAT TECHNOLOGICAL UNIVERSITY

(Established under Gujarat Act No. 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત અધિનિયમ ક્રમાંક: ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Annexure 1

Enrollment no:

180140111026

## STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Gupta Nishakumari ShreeSunil

DIARY OF THE WEEK: Dt: 28/03/2022 TO 03/04/2022

DEPARTMENT: Electronics and Communication SEM: 8

NAME OF THE ORGANISATION: EINFOCHIPS (AN ARROW COMPANY)

NAME OF THE PLANT/SECTION/DEPARTMENT: PES (EMBEDDED / AEROSPACE)

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: PRERAK PATEL

### DESCRIPTION OF THE WORK DONE IN BRIEF

On first day, in Linux internals I had learnt about git hub tool and C-scope tool.  
And in C++ I learnt about design patterns.

On second day, in Linux internals IPC I had learnt about fifo, message queue.  
And in C++ learnt about cmake.

On third day, in Linux internals IPC I had learnt shared memory and done respective example code.  
I started learning MCU - Introduction to Microcontrollers, Microcontroller Architecture, Special Function Registers (SFR), Type of Memories & their usage.

On forth day, in Linux internals IPC I learnt about semaphore communication.  
In MCU I did Introduction 8051.

On fifth day, in Linux internals IPC I learnt about signal/software interrupts, signal handler  
In MCU I learnt about one ARM micro controller ARM7 .



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TOTAL HOURS: 40

SIGNATURE OF STUDENT

★ The above entries are correct and the grading of work done by Trainee is  
EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR

Signature of Faculty Mentor

Signature of officer-in-charge  
of Dept. / Section / Plant

Date:

Date:

★ Grading of Work, for trainee may be given depending upon your judgement about  
his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.



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**SUPPLEMENTRY NOTES**  
(add additional sheets if required)

