



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: 21/03/2022 TO 27/03/2022

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 GDB debugger and its commands – list, break, run, next, step, print variable, info locals. Then learned about segmentation. in c++ learned about template function overloading, function templates and static variables, class templates and static variables, function templates specialization, class template specialization.

In second day, in linux internals I had learned about electric fence library and valgrind tool, memory padding, structure padding. in c++ I learned standard template library – containers, algorithms, iterators.

In third day, in Linux internals I had been learned makefiles, system calls, atomic. And in c++ learned about list, shorting and merging 2 lists, map and examples of respective logics and program.

In forth day, in Linux internals I revies all thread related programming and logics and learned pthread condition variable.

In C++ learned about algorithm in stl and about name space.

In fifth day, in Linux internals I learned about process communication and iter process communication in IPC learned about pipe and fifo. In c++ learned about graphs and their logics and types and did program on that same.



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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)

