



# 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:

190130111081

## STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Modi Shreshtha Pragnesh

DIARY OF THE WEEK: Dt: \_\_\_\_\_ TO \_\_\_\_\_

DEPARTMENT: Electronics And Communications Engineering SEM: 08

NAME OF THE ORGANISATION: Eternal Soft Solutions

NAME OF THE PLANT/SECTION/DEPARTMENT: Software and Cloud Engineering

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Mrs Poonam Patel

### DESCRIPTION OF THE WORK DONE IN BRIEF

This week it was my turn to dive deeper in the python programming and we moved onto more complex topics such as logical if-else statements, switch statements, pass by reference, pass by value, understanding functions and some per-defined functions in python

After that, i was given a ste of problems which could only be solved by making python functions and I solved the same. After functions, I was introduced to the terminology 'clean code' and what exactly is clean code, why is it important and best practices to convert my code into clean code

After the session on principles of clean code, I was introduced to the idea of Object Oriented Programming by using classes and object. I was introduced to some common modules in python and I was introduced to more OOP concepts such as inheritance, polymorphism

I then spent a day building a dummy class called 'Employee' and the objects inside it. After that, i was introduced to the popular libraries pandas and Numpy for data visualisation and data manipulation and had to solve some simple problems surrounding it

The end of this week gave me a sound understanding regarding basic and intermediate python and I am now able to create programs of higher complexity and interestingly, I converted all of my previous messy python code into a more modularized format following the principles of clean code



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TOTAL HOURS: 35 \_ \_ \_ \_ \_

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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)

