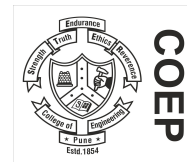


**ATHARVA PARAG LONHARI**Course : **B.Tech**, Computer Engineering, 2025

Email : lonhariap21.comp@coeptech.ac.in

Mobile : 7721981559

CGPA : 9.34

**ACADEMIC DETAILS**

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	St. Ursula Jr. College, Akurdi - 411035	Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)	96.33 %	2021
CLASS X	St. Ursula High School, Akurdi - 411035	Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)	91.6 %	2019

**Subjects / Electives**

Digital Logic Design, Theory of Computation, Feedback Control Systems, Design Thinking, Effective Communication Skills, Optics and Modern Physics , Foundations of Mechanical Engineering , Vector Calculus and Partial Differential Equations, Discrete Structures and Graph Theory, Data Structures and Algorithms – II, Microprocessor Techniques, Applied Chemistry, Linear Algebra, Programming for Problem Solving, Engineering Mechanics, Ordinary Differential Equations and Multivariate Calculus , Introduction to Scientific Computational Tools, Biology for Engineers, Professional Laws, Ethics, Values and Harmony, Basic Electrical Engineering, Semiconductor Physics and Electromagnetism, Innovation and Creativity , Univariate Calculus, Data Communication, Principles of Programming Languages , Sensors and Automation, Data Structures and Algorithms – I , Rapid Prototyping Practice Using Object Oriented Programming , Engineering Graphics and Design, Electronics and Computer Workshop

**Technical Proficiency**

Tkinter, Statistics, Problem Solving, Data Visualization, Probability, SQL, AutoCAD, Python3, Design Thinking, Theory of Computation, Graph Algorithms, HTML + CSS, Power BI, Graph Theory, C++ Language, Business Analytics, Excel, Data Structures, C Programming, Genome Sequencing, Object-Oriented Programming (OOP), Flask, Linear Algebra, Discrete Mathematics, Calculus

**SUMMER INTERNSHIP / WORK EXPERIENCE****PROJECTS****Genomic Sequencing - Data Structures and Algorithms****Mar 2023 - May 2023**

The project Genomic Sequencing Using Graph Traversal focuses on the construction of a De Bruijn graph to accurately determine the correct order of a genome. Genomic sequencing plays a crucial role in various scientific fields, such as molecular biology, genetics, and bioinformatics. By leveraging graph traversal algorithms, this project aims to tackle the challenge of reconstructing a genome from fragmented DNA sequences

Github - [Genomic Sequencing](#)**Library Management System - Database Management****Mar 2023 - May 2023**

The Library Management System project is a software solution that automates library operations, including catalog management, circulation, and reporting. It streamlines processes, improves efficiency, and enhances user experience for effective library resource management. It uses technologies such as Python Flask, SQL, HTML, and CSS.

Github - [Library Management System](#)**Business Analyst Project - Business Analytics****Sep 2022 - Nov 2022**

The Business Analyst Project is a data-driven initiative focused on collecting, analyzing, and interpreting data to make informed decisions and drive business performance. By leveraging advanced analytical techniques, the project uncovers insights, identifies opportunities, and provides actionable recommendations for improved efficiency and growth

Github - [Business Analyst Project](#)**POSITION OF RESPONSIBILITY****Vice Prefect - St. Ursula High School****Aug 2017 - Aug 2018**

I was the vice prefect at my school in 9th Standard and my responsibilities included:

- Collaborating with other school leaders, including the Prefect, teachers, and administrators, to achieve common goals.
- Looking after the discipline of the school.
- Coordinating and organizing school events, such as assemblies.
- Representing the students and their perspectives in school-related matters.
- Assisting with administrative tasks, such as record keeping and maintaining school policies and regulations.

<ul style="list-style-type: none"> <li>Assisting with administrative tasks, such as record-keeping and maintaining school policies and regulations.</li> </ul>
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EXTRA CURRICULAR ACTIVITIES
<p><b>Astronomy</b> Member of the COEP Astronomy Club</p> <p><b>Computer Science</b> Member of Computer Society of India, COEP Tech Student Chapter</p> <p><b>Cricket</b> Played in the St. Ursula High School cricket team at the district level.</p>

AWARDS AND RECOGNITIONS
<p><b>LATE SHRI VIJAY NARAINDAS KODNANI SCHOLARSHIP   St. Ursula Jr. College</b> Jan 2022 Highest Marks in MATHS in HSC Exam Std XII(Science) Score: 100/100</p> <p><b>12th SOF National Cyber Olympiad   Science Olympiad Foundation</b> Nov 2012 Bronze Medal</p> <p><b>5th SOF International Maths Olympiad   Science Olympiad Foundation</b> Mar 2012 Gold Medal</p> <p><b>2nd SOF International English Olympiad   Science Olympiad Foundation</b> Mar 2012 Gold Medal</p> <p><b>National Level Science Talent Search Examination   Unified Council</b> Dec 2011 Gold Medal</p> <p><b>Speed Maths Contest   Maharashtra Education Society</b> Jul 2010 Gold Medal</p>

CERTIFICATIONS	
CERTIFICATION	CERTIFYING AUTHORITY
Statistics Foundations 2: Probability	NASBA
Machine Learning Foundations: Linear Algebra	LinkedIn
Statistics Foundations 1: The Basics	NASBA
Finlatics Business Analyst	Finlatics
Python Fundamentals for Beginners	Great Learning
Python GUI Development with Tkinter	LinkedIn
Statistics Foundations 2: Probability	LinkedIn
Statistics Foundations 1: The Basics	LinkedIn

COMPETITIONS
<p><b>Code Quest 3.0</b> Jan, 2023 <b>Googler</b> Jan, 2023 In this competition participants had to find answers to the questions using Google.</p> <p><b>Retracer</b> Jan, 2023 In this Competition participants had to develop a logic based on the code snippets given.</p> <p><b>17th SOF National Science Olympiad</b> Dec, 2014</p> <p><b>7th SOF International Maths Olympiad</b> Feb, 2014 Score: 27/60, School Rank: 21, City Rank: 1021, State Rank: 2740, International Rank: 4651</p> <p><b>13th National Cyber Olympiad</b> Nov, 2013</p> <p><b>6th SOF International Maths Olympiad</b> Feb, 2013 Score: 17/35, School Rank: 16, City Rank: 354, State Rank: 548, International Rank: 710</p> <p><b>15th SOF National Science Olympiad</b> Jan, 2013 Score: 24/35, School Rank: 5, City Rank: 47, State Rank: 55, International Rank: 66</p> <p><b>12th SOF National Cyber Olympiad</b> Nov, 2012</p>

Score: 23/35, School Rank: 3, City Rank: 141, State Rank: 208, International Rank: 259	
<b>2nd SOF International English Olympiad</b>	<b>Mar, 2012</b>
Score: 27/35, School Rank: 1, City Rank: 272, State Rank: 1207, International Rank: 4616	
<b>5th SOF International Maths Olympiad</b>	<b>Mar, 2012</b>
Score: 31/35, School Rank: 1, City Rank: 276, State Rank: 1393, International Rank: 6304	
<b>National Level Science Talent Search Examination</b>	<b>Dec, 2011</b>
Score: 56/75, 74.67%, School Rank: 1, State Rank: 572, All India Rank: 2591	
<b>Abacus and Mental Maths</b>	<b>Sep, 2010</b>
Level 1,2,3,4 Conducted by Flying Color's Academy, India	

CONFERENCES AND WORKSHOPS
<b>Robotics and Science Model Making Workshop</b> Organized by: <b>ES Solutions Pvt. Ltd.</b>   Date: <b>Aug 2014</b> Level 2 Three month long workshop where various models like line follower robot, PCB making, etc were done.
<b>Robotics &amp; Science Model making Workshop</b> Organized by: <b>ES Solutions Pvt. Ltd.</b>   Date: <b>Aug 2013</b> Level 1 Three Month long workshop where various models like Pickup and place robot, jumping robot, etc. were made.

TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE
HSC	Aug 19, 2021	Score:578/600
MHTCET	Sep 20, 2021	99.964 Percentile
SSC	Mar 19, 2019	Score:458/500
JEE Mains	Apr 21, 2021	99.36 Percentile

PATENTS

PUBLICATIONS

SCHOLARSHIPS	
<b>Scholarship under Lokshahir Annabhau Sathe Educational Scheme</b> Passed HSC with 96.33%	<b>Sep 2021</b>
<b>Scholarship under Bharatratna Maulana Abul Kalam Azad Educational Scheme</b> Passed SSC with 91.6%	<b>Aug 2019</b>
<b>Maharashtra Scholarship Test Class 8</b> Awarded by MAHARASHTRA STATE COUNCIL OF EXAMINATION, PUNE Score: 206/294 70.06%	<b>Jun 2017</b>

VOLUNTEER EXPERIENCE

LANGUAGES KNOWN
Hindi, English, Marathi