



**VIVEKA M**, RA1911003010053

Course : **B.Tech**, CSE, 2023

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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	The Vikasa International School	IGCSE	91.16 %	2017
CLASS XII in SCIENCE	The Vikasa School	ICSE	90.6 %	2019
B.Tech	SRM Institute of Science and Technology - Kattankulathur Campus		9.54 CGPA	2023

<b>Subjects / Electives</b>	Machine Learning, Cloud Computing, Android application development, Using Linux/Unix Os, Foundations of Data Science, Operating Systems
<b>Technical Proficiency</b>	C Programming, ServiceNow, Android using Kotlin, Unix Operating Systems, C++ Language, Critical Thinking, Python3

PROJECTS	
<b>Multi ML App - Android development using Kotlin</b>	<b>Jan 2022 - Mar 2022</b>
An android app for students to perform text and language detection, translation and object detection activities on the same app developed using Kotlin	
<b>Sensitive information Blurring App - Data X</b>	<b>Jan 2022 - Present</b>
An app to blur sensitive information from media content using machine learning algorithms	
<b>Circadian Rhythm Monitor - Internet of things</b>	<b>Nov 2021 - Present</b>
A circadian rhythm monitor that will effectively measure the sleep pattern of an individual using the necessary sensors and the circadian index formula	
<b>Chat Application - Computer Networks</b>	<b>Aug 2021 - Dec 2021</b>
Using React and javascript with firebase	

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Machine Learning	Coursera	
AWS Certified Cloud Practitioner	Amazon Web Services (AWS)	
Oracle Certified Foundations Associate	Oracle	
Foundations of Data Science	Padhai	

CONFERENCES AND WORKSHOPS	
<b>IEEE International Conference on Electronic Systems and Intelligent Computing (ICESIC-22)</b>	
Organized by: <b>Department of Computer Science and Engineering, Vel Tech Rangarajan Dr. Sagunthala R&amp;D Institute of Science and Technology</b>   Date: <b>Apr 2022</b>	
Have presented my research paper "Rhythm Monitor - A wearable circadian health monitoring" in ICESIC-2022 sponsored by AICTE and IEEE madras section.	

PUBLICATIONS	
<b>Rhythm Monitor - A Wearable for Circadian health monitoring</b>	<b>Journal name: IEEE   Publication date: Jun 2, 2022</b>
Circadian rhythm in humans plays a vital role in people's healthy lives, but this is affected by the environment and changing lifestyles. Dysfunctions of the circadian rhythm may lead to a lot of health issues, including delayed sleep phase disorder, obesity, and many more. The cardiovascular and metabolic processes will also be affected by the circadian disruption. The present study aims to develop hardware named "Rhythm Monitor" to monitor different circadian parameters and use them to help people maintain their circadian rhythm for a healthier lifestyle. The current research is in the direction of using sensors to monitor a person's circadian function index. The results of our product help individuals by providing better recommendations to help them maintain their circadian rhythm better.	

EXTRA CURRICULAR ACTIVITIES	
Table Tennis Cycling Running	

PERSONAL DETAILS	

Date of birth: 12 January 2002	Father's name: Mani Murugesan
Permanent address: 106K/15F Sinnamani Nagar, Millerpuram, Tuticorin, Tuticorin, Tamil Nadu, PIN - 628008	Languages known: English, Tamil, Japanese
Permanent contact number: 8778550465	Nationality: Indian
Passport availability: Yes	