PROJECT TITLE SUBMISSION REPORT

Project Title:	**Vitamin Deficiency Detection Using Image Processing and Neural Network**	
Name of the students:	1) Likhith Kumar V	USN: 4SM20CS029
	2) Prasad C R V	USN: 4SM20CS050
	3) Rahul R C	USN: 4SM20CS055
	4) Sandeep M N	USN: 4SM20CS067

SL. NO.	REFERENCE PAPERS	Technology	TOPIC	IEEE papers/JOURNAL	YEAR
1	Vitamin Deficiency Detection Using Image Processing and Neural Network	Artificial Intelligence	Vitamin deficiency detection in human	https://ieeexplore.ieee.org/document/9118303	2020
2	Detection and classification of nutrient deficiencies in plants using machine learning.	Machine learning	Detection of nutrient deficiency in plants	https://iopscience.iop.org/article/10.1088/1742-6596/1850/1/012050	2021
3	Detection of plant leaf nutrients using convolutional neural network-based internet of things data acquisition.	Artificial Intelligence	Detection of plant leaf nutrients	https://ijnaa.semnan.ac.ir/article_5194.html	2021
4	Using Deep Convolutional Neural Networks for Image-Based Diagnosis of Nutrient Deficiencies in Rice.	Artificial Intelligence	Diagnosis of Nutrient deficiency in rice	https://www.hindawi.com/journals/cin/2020/7307252/	2020

HARDWARE REQUIREMENTS:	User-end: Android Smart phone with camera
SOFTWARE REQUIREMENTS:	Development: Jupyter notebook (Python IDE)

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Signature of Student members