

**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**PATENT PUBLISHED/APPLIED**

S.No.	Patentee	Patent ID	Patent Title	Patent Level/National	Date of Publication
<b>ACADEMIC YEAR 2021 – 2022</b>					
1	PI : Dr. R. NANDAKUMAR  Co – PI: Mr. MV Mahesh	-	"Autonomous Irrigation and Plant growth monitoring system for vertical farming using Machine Learning	National	APPLIED (2021-2022)
<b>ACADEMIC YEAR 2020 – 2021</b>					
1	Dr.R.NANDAKUMAR	202041025188	Door Handle sanitizer Dispenser	National	10 <sup>th</sup> July 2020
		202041027114	Novel Method for Detection of Quality of Apples using Edge Detection Approach	National	15 <sup>th</sup> June 2020
2	Dr.W.DEVA PRIYA	202041027114	Door Handle sanitizer Dispenser	National	10 <sup>th</sup> July 2020
		202041012787	Harvesting Machine For Tapioca Vegetables	National	24 <sup>th</sup> March 2020

		202041007777	Artificial Intelligence Enabled Bot For Railway Track Cleaning	National	24 <sup>th</sup> Feb 2020
3	Dr. R. NANDAKUMAR P. GOVINDARAJU M. V. MAHESH S. PREMALATHA T. SENTHIL M. UDHAYAKUMAR B. LATHA P. JANANI P. MOHANA SUNTHARI V. SINDHUJA S. HEMAHARINI P. DINNESH S. MUTHULAKSHMI S. JANARTH	202041032225	A System and Method of Pesticides Detection in Fruits and Vegetables	National	21 <sup>st</sup> August 2020
<b>ACADEMIC YEAR 2019 – 2020</b>					
1.	Ms.P.SARANYA	201941050087	System To Facilitate Visually Impaired Person To Identify Person Present In Surrounding	National	13 <sup>th</sup> Dec 2019