



## Patents

Sr.No	Design Number/Patent number/Application number	Title	Author/Members	Date of filing
<b>2020-21</b>				
1.	202021034358	Compact J-shaped fractal antenna for UWB application	Dr. Sheetal Bukkawar	11/8/2020
2.	202021038639	Categorization of Plant Leaf Using Deep Learning Techniques	Prof. Suhasini Parvatikar	7/9/2020
3.	332817-001	Custard Apple deseeding Machine	Dr. Madan Jagtap	05/09/2020
4.	202021033064	Solar Distiller	Dr. Madan Jagtap	1/08/2020
5.	202021035420	Aquatic animal friendly ocean cleaning system	Dr. Manjusha Deshmukh Prof. Vaishali Jadhav Prof. Diksha Kumar Prof. Maahi Khemchandani Prof. Ragini Sharma Prof. Prasanna Raut	17/08/2020
6.	202021037027	Moisture Sensor based	Prof. Roshni John	27/08/2020

		Automatic Irrigation system	Prof.Sujaya Wadekar	
7.	202021031644	Smart bins and their monitoring with signal at workstations	Prof.Suhasini Parvatikar Prof.Sujata Bhairnallykar Prof.Monali Deshmukh Prof.Rina Bora	24/07/2020
<b>2019-20</b>				
6.	202011005557	Hybrid energy Management system using solar,wind,Fuel cell sources for remote region	Prof. Paramjit Thakur	7/2/2020
7.	201921049384	System and Method to Manufacture Paver blocks from Waste Plastic Bottles	Dr.Manjusha Deshmukh Prof.Roshni John Prof.Prasanna Raut Prof.Amit Mane	2/12/2019
8.	201921037718	System and Method to detect Quality of fruit	Dr.Manjusha Deshmukh	18/9/2019
9.	201921047045	A compact semi- circular slotted fractal UWB monopole antenna	Prof. Sheetal bukkawar	19/10/2019
10.	201921047449	Robotic Sewer Inspection Cleaning and Toxic gas Neutralization System	Prof. Diksha Gautam Kumar Prof. Shraddha Subhedar Prof. Ragini Sharma Prof. Prasanna Raut	21/11/2019
11.	201921048195	System and Method to detect quality of a product	Dr. Manjusha Deshmukh Prof. Vaishali Jadhav Prof.Suhasini Parvatikar Prof.Sujata Bhairnallykar	25/11/2019

			Prof.Arti Gore	
<b>2018-19</b>				
12.	302238	Approximate straight-line mechanism and design	Prof.Sachin G. Solanke	2/8/2018
<b>2017-18</b>				
13.	292542	robot	Prof.S.N.Teli Prof.Madan Jagtap Prof.Siddhesh Lad Prof Mayur Rathod Prof.Prathamesh Parab Prof.Kunal Sawant Prof.Gajan Patil	6/4/2017
14.	297785	Battery operated monowheel	Prof.S.N.Teli Prof.Madan Jagtap Prof.Siddhesh Lad	22/9/2017
<b>2016-17</b>				
15.	201621015361	Automatic transmission for vehicle	Prof. S.N. Teli, Prof. Sagar Devichand Patil	3/5/2016
<b>2015-16</b>				
16.	276996	Pipe inspection Robot	Prof. S.N.Teli Prof. Tejas Mhetre Prof. Krishna Kumbhar Prof.Akshay Bhosale Prof. P.S.Buchade	23/10/2015