



**VIVEKANANDHA COLLEGE OF  
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**RESEARCH AND DEVELOPMENT CELL**

**List of Patents 2020-2021(jun-May)**

S. No.	Dept	Invention Title	Inventors / Applicant	Patent Application Number	Publication Date
<b>Published</b>					
1	ECE	TRACKBOT:A quick –witted ROBOT for detecting cracks and missing key in Railway Tracks with Unmanned Safeguard Gates	Dr. S. Jayachitra	202041016879	05-06-2020
2	ECE	Improved Energy-Efficient Faulty Information Extractionsystem And Method	Dr.PT.Kalaivaani	202041047525	06.11.2020
3	EEE	Railway Track Safety monitoring and Control system using IoT	Dr.P.Kannan, A.Johny Renold	202041048829	20.11.2020
4	ECE	System and Method for Evaluating Packet Detection Attack for Improving & delivering ratio	Dr.PT.Kalaivaani	202041050724	14-12-2020
5	CSE	Big Data Based Data Analytics Method For Privacy Preservation	Dr. N. Mohanapriya	202041057125	08-01-2021
6	ECE	Artificial Intelligence Based Robotics For Determining Quality Of Battery Inmanufacturing Industry	Dr.R.Saravanakumar	202141017805	16.04.2021
<b>Granted</b>					
1	IT	IOT based smart and effiecient wireless power transmission systems	Dr.M.Sayeekumar	2020101733	17-09-2020 (Australia)
2	ECE	Logo-Based Document Image Retrieval And Method Thereof	Dr. R. Vinothkanna	2021101719	05.05.2021 Innovation Patent (Aus)