

**R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY**  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**PATENT PUBLISHED BY FACULTY**

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<b>S.No</b>	<b>Name of the Inventor</b>	<b>Title of the Invention</b>	<b>Date of Filing</b>	<b>Application No.</b>	<b>Date of Publication</b>	<b>Status</b>
1	<b>Dr. N. Kalaiarasi</b> <b>Dr. Catherine T. J.</b>	Driver Alerting System in Automobiles using Lane Correction and Automatic Speed Reduction	05/03/2022	202241032111 A	10/06/2022	Published
2	Dr.Yashvant Rao Dr. Uma Devi Pongiya Dr. Hiren Madhukar Dekate <b>Dr.K.Kannan</b> Dr Kalpana Sengar Ms. S. Jothimani Dr. Shubhajit Halder Dr. T. Sheela Dr.C.Surya Dr. K.sowmiya Dr. Harikumar Pallathadka	A biochemical sensor based on an optical micro ring resonator (OMRR) can be used to find different chemical samples and cancer cells	25/07/2022	202231042561	05/08/2022	Published
3	<b>Mr. Sathyaraj P</b> <b>Dr. V. Murali</b> <b>Mohan</b> <b>Mr. Morukurthi</b> <b>Sreenivasu</b> <b>Dr. D. Rajaramesh</b> <b>Dr. G. Nixon</b> <b>Samuel</b> <b>Vijayakumar</b> <b>Dr. Ashok Kumar</b>	A Smart Grid Networks with an Artificial Intelligence Based IOT Secured System	02/09/2022	202241050353 A	09/09/2022	Published
4	<b>Dr. Chettiyar vani</b> <b>vivekanand</b> <b>Dr. T. M.</b> <b>Inbamalar</b>	Self-configurable Body Area Network for	30/11/2022	202241069249	09/12/2022	Reply to FER (03.03.2023)

	<b>Dr. N. Gangatharan</b> Chaithanya Chowdhary E Dhanush V Ajeeth K Gowtham C	Patient Health Monitoring				
5	<b>Dr.N.Gangatharan</b> <b>Dr.N.G.Praveena</b> <b>Samuda Prathima</b> <b>Mr.K.Sivachandar</b> <b>Ms.C.Nithiya</b> <b>Ms.B.J.Komathi</b>	Blind Spot Detection and Accident Prevention System	25/11/2022	202241067860	02/12/2022	Published
6	<b>Mr.R.Vijay Anandh</b>	IoT based Medical Reminder with Voice Recognition and Health Monitoring System	07/02/2023	202341007973	30/06/2023	Published
7	<b>Dr.K.Kannan</b> <b>Mr.P.Sathyaraj</b>	Austism Spectral Classification using Deep Learning	12/04/2023	202341026991 A	05/05/2023	Published
8	<b>Dr.N.Gangatharan</b> <b>Dr.N.G.Praveena</b> <b>Ms. Samuda Prathima</b> <b>Mr.K.Sivachandar</b>	Automated Power Bank System with Wireless Charging using IoT	16/05/2023	202341034274 A	16/06/2023	Published