



**B.M.S. College of Engineering, Bengaluru**  
**Department of Research and Development (R&D)**

**Details of Patents**

Patent Title	Inventor Name	Department	Application Number	Docket Number	Status	Date of Filing	Date of Publication	Date of Grant
METHOD, IMAGE PROCESSING COMPONENT AND APPARATUS FOR IDENTIFICATION OF STRABISMUS CONDITION IN EYE	Dr. Joshi Manisha Shivaram, Arpitha Y M, Samhitha Y M, H N Suma	Medical Electronics	3298/CHE/2014	160627IN	Patent Granted	03/07/2014	12/02/2016	29/12/2023
AN APPARATUS FOR STIMULATING PHYSICAL AND MENTAL RELAXATION.	Dr.Rathanraj, Dr.Joshi Manisha S, Venu S, Vignesh, Raghu, Madhu	Medical Electronics/Industrial Engineering & Management	201941039548	160628IN	Patent Granted	3/9/2019	02/04/2021	15/09/2023
AN INTERPOSER	Dr.Suma M S, Chandrasekhar Patil	Medical Electronics	201941020352	160626IN	Patent Granted	22/05/2019	27/11/2020	11/08/2023
A HEAT SINK FOR RAPID HEAT DISSIPATION	Dr.M S Suma, Chandrashekhar V Patil	Medical Electronics	202141004011		Patent Granted	29/01/2021	05/11/2021	06/07/2022
METHOD FOR DETECTION OF RETINOPATHY OF PREMATURITY (ROP) AND TOOL THEREFROM.	Dr.Manisha Joshi Shivaram, Tanya S Mathews, Yashashwini Nagaraj	Medical Electronics	2857/CHE/2012	160615IN	Patent Granted	14/07/2012	20/06/2014	11/11/2021
A SYSTEM FOR HEAT COLLECTION AND DISSIPATION AND A METHOD TO OPERATE THE SAME	Dr.Suma M S, Chandrasekhar Patil	Medical Electronics	202341040108	160639IN	Patent Published	12/06/2023	18/08/2023	
A PORTABLE DEVICE FOR DETECTING MALARIA	Dr.Suma M S, Dr.Murugendrappa, Dr.Kalyanraj, Jisha P	Medical Electronics/Physics/Chemistry	202041013483	160630IN	Patent Published	27/03/2020	01/10/2021	
DIGITAL X-RAY DEVICE AND A METHOD THEREOF.	Dr.Abhishek Appaji, Dr.Suma H N, MR Bhatt, Priyanka C, Aparna P, Shyam V R, Amarnath S	Medical Electronics	201741001029		Patent Published	10/04/2017	19/10/2018	