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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



(12) PATENT APPLICATION PUBLICATION

(21) Application No.202131026296 A

(19) INDIA

(22) Date of filing of Application :14/06/2021

(43) Publication Date : 09/07/2021

(54) Title of the invention : MULTI SENSOR BASED SMART MEDICAL RING FOR HEALTH MONITORING SYSTEM

(51) International classification	:A61B0005145500, A61B0005000000, A61B0005024000, A61B0005010000, G16H0010600000	(71)Name of Applicant : 1)SWAMI VIVEKANANDA UNIVERSITY Address of Applicant :Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, West Bengal 700121 West Bengal India
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(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this pandemic situation everyone worried about help. A smart medical ring will be discovered to minimize this problem. This device will help to measure the temperature, oxygen level and pulse rate all together. Objective of this project is to combine the features of thermometer and pulse oximeter into a single device with a reducible size compare to other available devices so that anyone can use this device in any place at any time and also can wear the ring in his/her finger. Here two sensors are implemented to measure these three different parameters. The thermometer and the pulse oximeter are most required measuring tools in our daily life to check the common health parameters. That's why this smart medical ring will be discovered by researchers to help the common people and medical field.

No. of Pages : 8 No. of Claims : 3