

DEPARTMENT OF BIOMEDICAL ENGINEERING

Faculty Patent Details

Sl. No	Name of the Inventor(s)	Title of the Patent	Patent Application Number	Patent Registered Country	Patent Status - Patent Registered or Patent Journal Published or Granted	Date of Published Patent Journal
1	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Ms. S. Shobha Christila	Smart medicine box using IOT	202241020847 A	India	published	29/04/2022
2	Dr.S.Saravana Sundaram Ms. M. Deeparani Ms. K. Kiruthika	LIFI based health monitoring system for hospital without frequency interference	202241020852 A	India	published	29/04/2022
3	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Ms. K. Kiruthika,	Structural Health monitoring system with narrow band internet of things	202241020853 A	India	published	29/04/2022
4	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Ms. S. Shobha Christila,	Nebulization and oxygen therapy control system using respiration	202241020854 A	India	published	29/04/2022
5	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Ms. Raja Rajeswari Chandini,	E-Vaccine Integrated Chip For Covid 19	202241020856 A	India	published	29/04/2022
6	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Mr. R. Anandhakumar,	Post operation cardiovascular alerting system for cardiac surgery	202241020858 A	India	published	29/04/2022

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7	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Mr. R. Anandhakumar,	Baby kick score monitoring device using sensor for full term pregnancy	202241020859 A	India	published	29/04/2022
8	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Ms. S. Shobha Christila,	Covid ICU patient tracking system	202241020862 A	India	published	29/04/2022
9	Dr.S.Saravana Sundaram , Ms. S. Shobha Christila Ms. D.Monisha,	Respiratory monitoring system for asthma patients based on IOT	202241020863 A	India	published	29/04/2022
10	Dr.S.Saravana Sundaram , Ms. S. Shobha Christila	3D printing for surgical instruments	202241020864 A	India	published	29/04/2022
11	Dr.S.Saravana Sundaram , Ms. S. Shobha Christila Ms. D.Monisha,	Low cost artificial breathing support system in healthcare	202241020867 A	India	published	29/04/2022
12	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Ms. S. Shobha Christila	Covid safety entrance with mask detection	202241020868 A	India	published	29/04/2022

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13	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Ms. Raja Rajeswari Chandini	Non invasive glucometer using ir module	202241020871 A	India	published	29/04/2022
14	Dr.S.Saravana Sundaram , Ms. M. Deeparani, Ms.D.Monisha Mr.Anandhakumar	Public vehicle access system for visually impaired usingnfc	202241026648 A	India	published	20/05/2022
15	Dr.S.Saravana Sundaram , Ms. M. Deeparani	IOT based portable patient monitoring Kit	202241039621 A	India	published	22/7/2022
16	Ms. S. Shobha Christila Ms. Raja Rajeswari chandini, Ms. K. Kiruthika	Deep Vein Thrombosis Assistive Bot For Elderly People	202241024252 A	India	published	13/6/22
17	Ms. S. Shobha Christila, Ms. Raja Rajeswari Chandini, Ms. K. Kiruthika	Early Brain Diagnosis Assistive Device For Brain Disease Detection System	202241024254 A	India	published	13/6/22
18	Dr.S.Saravana Sundaram	An Energy Storage System For Distributed Renewable Energy Source In Distribution Network	201941035891 A	Australia	Granted	26-12-2020