Vivekanand Education Society's
Institute Of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Institute Name	Vivekanand Education Society's Institute Of Technology
India Ranking 2020 ID	IR-E-C-33895
Discipline	Engineering
Parameter	Patents Details 2018

1. F-MIOTH: FRAMEWORK FOR MEDICAL IOT (INTERNET OF THINGS) IN HEALTHCARE

Dr.Anjali Yeole , Dr. Kalbande

ApplicationNo.-201821031554A

Date of Published: 17/09/2018

Abstract- F-MIOTH: FRAMEWORK FOR MEDICAL IOT (INTERNET OF THINGS) IN HEALTHCARE, FRAMEWORK FOR MEDICAL IOT (INTERNET OF THINGS) IN HEALTHCARE is a framework designed for ensuring secure use of IoT in the healthcare sector. This framework is divided into four layers: Patients body network, Data Analytics layer, Private storage layer with block chaining, and User layer. This framework aims to develop an efficient, secure and inexpensive solution based on Internet of Things (IoT) for monitoring patients. In the future this framework can be embedded in skinzy (skinzy.in) to scan skin disease images by collecting data through IoT sensors.

2 .Method and Partial Discharge Measurement System for Examining

Partial Discharge Characteristics of Object

Prakash P. Vaidya,. Lekshmi Ajesh Kaimal

Application No.201621029072

Date of Published: 02/03/2018

Abstract- the present invention discloses the hardware and software related to the universal PD Simulator that can be used for calibration and diagnostics

3. Shadow Detection and Elimination in static images

Mr. Manoj Sabnis

Diary No. 15056/2018- CO/L   Copyright

Abstract- This research work is mainly focused at the image level as compared to the system level. The images are observed to be of two types: the static and the dynamic. It is found that dynamic images are well exposed in terms of research work. Thus the focus of this research work is on static shadow detection.

In case of static images, shadow detection becomes a challenge as compared to dynamic images due to the existence of multiple frames, background subtraction and frame comparison in it. Focusing on the same lines, Static shadow detection is selected as the main working domain for this research work.