



## CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

### Criteria 3

#### Research, Innovations and Extension

<b>Metric 3.4.3</b>	<b>Number of Patents published/awarded during the last five years</b>
-------------------------	---

### Supporting Documents

<b>1</b>	<b>E-copies of the Award Letters / Patents (Year : 2017-18)</b>
----------	---

# **Faculty of Technology & Engineering**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201821002089 A

(19) INDIA

(22) Date of filing of Application :18/01/2018

(43) Publication Date : 02/02/2018

(54) Title of the invention : AN IOT BASED ROOM BOOKING SYSTEM WITH REAL TIME ROOM OCCUPANCY AND METHOD THEREOF

(51) International classification

:H01J  
23/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**

Address of Applicant :CHARUSAT Campus, Changa, Anand District - 388 421, Gujarat, India Gujarat India

(72)Name of Inventor :

**1)Panchal Gaurang Rameshbhai**

**2)Patel Jaimin VijayKumar**

(57) Abstract :

The present invention relates to a real time room occupancy detecting and booking system that comprises a plurality of room occupancy sensor nodes (101) being deployed into each of the conference room for detecting presence of persons and accordingly generate signals, a PI-server (102) communicatively coupled to the plurality of room occupancy sensor nodes (101) via a data communication network. Said PI-server (102) receives the signals from each sensor node (101) and transmitting occupancy information of the plurality of rooms on a user<sup>TM</sup>s web enabling device. Each sensor node (101) includes a PIR sensor (101a) for generating signals of occupancy status. Said signals are transmitted over the server (102) through the Zigbee transceiver (101c) that transmits the signals to the web enabling device (103) through data communication network. Said device (103) display room occupancy status of plurality of rooms and user can book non occupied room accordingly.

No. of Pages : 24 No. of Claims : 5

# **Faculty of Pharmacy**



Controller General of Patents, Designs and Trademarks  
Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

### Application Details

APPLICATION NUMBER	32/MUM/2013
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/01/2013
APPLICANT NAME	<b>RAMANBHAI PATEL COLLEGE OF PHARMACY</b>
TITLE OF INVENTION	"INTRANASAL MICRO-EMULSION OF AN ANTI-MALARIAL DRUG, ARTEMETHER"
FIELD OF INVENTION	PHARMACEUTICALS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	info@krishnaandsaurastri.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	04/01/2013
PUBLICATION DATE (U/S 11A)	15/02/2013
FIRST EXAMINATION REPORT DATE	18/08/2017
Date Of Certificate Issue	<b>28/02/2018</b>
POST GRANT JOURNAL DATE	09/03/2018
REPLY TO FER DATE	16/02/2018

### Application Status

APPLICATION STATUS

**Granted Application, Patent Number  
293596**

[E-Register](#)

[View Documents](#)