

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

---

---

निर्गमन सं. 20/2022  
ISSUE NO. 20/2022

शुक्रवार  
**FRIDAY**

दिनांक: 20/05/2022  
DATE: 20/05/2022

---

---

पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : SYSTEM AND METHOD FOR SUGGESTING VEHICLE PARKING SPACE AVAILABILITY TO USER IN REAL-TIME

<p>(51) International classification :G08G0001140000, G01S0015870000, G06F0016955000, B60W0030060000, G06Q0020320000</p> <p>(86) International Application No Filing Date :PCT// :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant :</p> <p><b>1)CMR College of Engineering &amp; Technology,</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>2)V.Hima Bindhu</b></p> <p><b>3)B.Pooja</b></p> <p><b>4)B.Ashwath</b></p> <p><b>5)G.Vaishali</b></p> <p><b>6)G.Muralidhar</b></p> <p><b>7)Talluri Rajesh</b></p> <p><b>8)Shilparani H Rajapur</b></p> <p><b>9)G.Karthik Reddy</b></p> <p><b>10)K Soujanya</b></p> <p><b>11)Dr. B. Lokeswara Rao</b></p> <p><b>12)Santosh Kulkarni</b></p> <p>Name of Applicant : NA</p> <p>Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p><b>1)V.Hima Bindhu</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>2)B.Pooja</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>3)B.Ashwath</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>4)G.Vaishali</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>5)G.Muralidhar</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>6)Talluri Rajesh</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>7)Shilparani H Rajapur</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>8)G.Karthik Reddy</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>9)K Soujanya</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>10)Dr. B. Lokeswara Rao</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p> <p><b>11)Santosh Kulkarni</b> Address of Applicant :CMR College of Engineering &amp; Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p>
--	---

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a system and method for suggesting vehicle parking space availability to a user in real-time, comprising: a processing device configured to collect the one or more ultrasonic sensors data and provide real-time results, the processing device is also configured to process the data of the one or more ultrasonic sensors, a plurality of ultrasonic sensors configured to detect the presence of a vehicle, a display unit configured to display no parking message to the user when the user parks vehicle in a non-parking area, a machine-readable codes generator configured to generate a machine-readable code when the user parks vehicle in the non-parking area, the generated machine-readable code provides nearby parking location information to the user. Fig. 1

No. of Pages : 18 No. of Claims : 4