

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141039583 A

(19) INDIA

(22) Date of filing of Application :01/09/2021

(43) Publication Date : 10/09/2021

(54) Title of the invention : IOT BASED AUTOMATED SYSTEM FOR FREEWAY FRAMEWORK 3

(51) International classification	:H04L0029080000, B01D0046240000, G06Q0050260000, G06Q0050100000, G05B0019040000	(71)Name of Applicant : <b>1)Dr. A.NARASIMA VENKATESH</b> Address of Applicant :ASSOCIATE PROFESSOR MBA- DEPARTMENT OF HUMAN RESOURCE MANAGEMENT RV INSTITUTE OF MANAGEMENT CA 17, 36TH CROSS RD, 4TH T BLOCK EAST, JAYANAGARA 9TH BLOCK, JAYANAGAR, BENGALURU, KARNATAKA 560041 Karnataka India <b>2)Dr. BASANT KUMAR VERMA</b> <b>3)Mr. ANIL KUMAR TANWAR</b> <b>4)Dr. S. VIMAL</b> <b>5)Mrs. BLESSY Y M</b> <b>6)Dr. SHILPA K GOWDA</b> <b>7)Dr. MUKESH KUMAR GUPTA</b> <b>8)Mrs. JAYASHREE M KUDARI</b> <b>9)Mrs. ADLIN JEBAKUMARI S</b> <b>10)Dr.ARUNKUMAR G L</b>
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)Dr. A.NARASIMA VENKATESH</b> <b>2)Dr. BASANT KUMAR VERMA</b> <b>3)Mr. ANIL KUMAR TANWAR</b> <b>4)Dr. S. VIMAL</b> <b>5)Mrs. BLESSY Y M</b> <b>6)Dr. SHILPA K GOWDA</b> <b>7)Dr. MUKESH KUMAR GUPTA</b> <b>8)Mrs. JAYASHREE M KUDARI</b> <b>9)Mrs. ADLIN JEBAKUMARI S</b> <b>10)Dr.ARUNKUMAR G L</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	
Filing Date	:01/01/1900	
(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	

(57) Abstract :

ABSTRACT IOT BASED AUTOMATED SYSTEM FOR FREEWAY FRAMEWORK 3 Internet of Things (IoT) is by and large the organization of 'things' through which actual things can empower to communicate information with the help of hardware, sensors, programming and network. Additionally, These IoT doesn't needed any human interface. IoT Technology is broadly applied in enormous businesses including Energy, medical services and all the more significantly Transportation areas. In this undertaking, the information of the RFID card is shipped off the site, through IOT. The use of IoT cost collection structure in various metropolitan regions would be a compelling development towards the blockage of the city avenues in profound stop up of traffic. Clearly, transportation is the strength of our country's economy. There are diverse execution, shows in far off sensor association, for instance, filter c and parts, including RFID, NFC in this way engaging abatement in action costs and prodding credit just trades. In the event that there ought to emerge an event of manual expense arrangement structure time use is much undeniably more horrible similarly as fuel depletion and most critical is the environment, the proportion of air tainting that is made at the tollbooth site is at verifiable level, so our made system will reduce time wastage and decrease air pollution just as screen fuel. The sole inspiration driving this innovation is to diminish the challenges achieved by manual expense combination system and pass the subject's vehicle through cost limit in an issue of few seconds without end.

No. of Pages : 24 No. of Claims : 7



Office of the Controller General of Patents, Designs & Trade Marks  
Department for Promotion of Industry and Internal Trade  
Ministry of Commerce & Industry,  
Government of India

(<http://ipindia.nic.in/index.htm>)



INTELLECTUAL  
PROPERTY INDIA  
PATENTS, DESIGNS & TRADE MARKS  
GEographical INDICATIONS

(<http://ipindia.nic.in/index.htm>)

#### Application Details

APPLICATION NUMBER	202141039583
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/09/2021
APPLICANT NAME	1 . Dr. A.NARASIMA VENKATESH 2 . Dr. BASANT KUMAR VERMA 3 . Mr. ANIL KUMAR TANWAR 4 . Dr. S. VIMAL 5 . Mrs. BLESSY Y M 6 . Dr. SHILPA K GOWDA 7 . Dr. MUKESH KUMAR GUPTA 8 . Mrs. JAYASHREE M KUDARI 9 . Mrs. ADLIN JEBAKUMARI S 10 . Dr.ARUNKUMAR G L
TITLE OF INVENTION	IOT BASED AUTOMATED SYSTEM FOR FREEWAY FRAMEWORK 3
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	dr.a.narasimavenkatesh@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/09/2021

#### Application Status

APPLICATION STATUS

**Awaiting Request for Examination**

[View Documents](#)

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

In case of any discrepancy in status, kindly contact [ipo-helpdesk@nic.in](mailto:ipo-helpdesk@nic.in)