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# TECHNO LOGIX

**Bulletin**

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RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY

# OUR TEAM

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# Faculty Corner

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202041041351 A
(19) INDIA	
(22) Date of filing of Application :24/09/2020	(43) Publication Date : 09/10/2020
(54) Title of the invention : RDAH- HEALTH NOTIFICATION; IOT BASED HEALTH NOTIFICATION AND REAL TIME DOCTOR AVAILABILITY CHECKING IN HOSPITAL USING MACHINE LEARNING.	
(51) International classification	:G06N 20/00
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Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(71)Name of Applicant :	<b>1)Dr. BABBURU KIRANMAI (PROFESSOR)</b> Address of Applicant :DEPARTMENT OF ECE, LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY, JONNADA, DENKADA, VIZIANAGARAM-535005, INDIA. E-mail id: kiranmai.b@lendi.org Andhra Pradesh India
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	<b>4)Ms. RITU AGARWAL</b>
	<b>5)Prof.(Dr.) S. B. CHORDIYA (DIRECTOR-SIMMC-CAMPUS)</b>
(72)Name of Inventor :	<b>1)Dr. BABBURU KIRANMAI (PROFESSOR)</b>
	<b>2)G INDIRA PRIYADARSHINI (ASSOCIATE PROFESSOR)</b>
	<b>3)Dr. SHILPA SRIVASTAVA</b>
	<b>4)Ms. RITU AGARWAL</b>
	<b>5)Prof.(Dr.) S. B. CHORDIYA (DIRECTOR-SIMMC-CAMPUS)</b>
(57) Abstract :	RDAH- Health Notification: IoT based Health Notification and Real Time Doctor Availability checking in Hospital Using Machine Learning. <b>ABSTRACT</b> Our Invention RDAH- Health Notification • is a monitoring system for a person includes a processor coupled more than one wireless nodes a wearable mobile appliance in communication with the client and one or more wireless nodes. The invention also implemented agents with rules executed by the processor, the rules being selected to respond to a client communication relating to a predetermined health condition each agent communicating with another computer implemented agent, the client or the treatment professional. The invented technology also receiving a communication from the client the processor selecting one or more computer implemented agents to reply with an instruction on healthy client behavior. The invented technology a low cost tracking system employing satellites of the global positioning system (GPS) is suitable for applications involving radiosondes, sonobuoys, and other doctors. The invented technology the tracking system includes a sensor mounted on each doctor which digitally samples the GPS satellite signals and records them in a data buffer the digital samples are then transmitted, at a rate lower than that at which the GPS satellite signals were sampled, over a data telemetry link, interleaved with other telemetry data from the doctor. The invented technology the GPS data is processed in a data processing workstation where the position and velocity of the sensor at the time the data was sampled is computed. The invented technology the data buffer in the sensor is periodically refreshed, and the workstation periodically computes the new position and velocity of the sensor. Differential corrections are also provided at the workstation to aid in signal acquisition and to increase the precision of the position fix.
No. of Pages : 28	No. of Claims : 9

## Patent in the name of Faculty

Name: Ritu Agarwal (one of the 5 inventors)

Application No: 202041041351 A

Patent office Journal No:41/2020 Dated 09/10/2020

Publication date: 9/10/2020

Title of invention: RDAH-Health Notification :IoT Based Health Notification and Real Time Doctor Availability checking in Hospital using Machine Learning.

No of pages:28

Our Faculty, Mrs Ritu Agarwal did an amazing job on a IOT based health notification setup using machine learning and successfully got a Patent registered for the work in her name. We are very proud of this achievement.

# Placements

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**Abhay Kumar Singh**

SmartBrains



**Abhinav Pandey**

AppSquadz Software Pvt. Ltd.



**Abhinav Singh**

ANR Software



**Aditi Sharma**

Mobiloitte



**Avinash Maurya**

Wipro Hr Services-NIIT



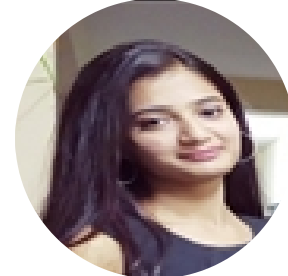
**CHANDAN KUSHWAHA**

ANR Software



**Harshita Nigam**

CJ Darcl



**Ishika Choudhary**

AppSquadz Software Pvt. Ltd.

# Upcoming Birthdays

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## Faculty

Sachin Kumar Tyagi (08 May)

V.K. Tripathi (22 June)

## Students

### 4th Year

Hrituja Bundela(4 April)

Vineet kumar mishra (6 April)

Chirag Ahluwalia(15 April)

Pradeep singh(16 April)

Mukul(29 April)

Mayank Mishra(12 May)

Waseem Ahmad Wani(18 May)

Nishant Singh Rautela(29 May)

Avinash Maurya(31 May)

Anant Tyagi(2 June)

Tanishka Mittal(4 June)

Satyam Singh(6 June)

Ishika Choudhary(6 June)

Aman Gupta(22 June)

### 3rd Year

Rupali Dubey(13 April)

Sanjay Kumar(4 May)

Akriti Pandey(5 May)

Abhishek Singh(29 May)

Alok Kumar Singh(31 may)

Anushka Srivastava(1 June)

Arnav Dubey(3 June)

Gaurav Kumar Singh(22 June)

Kanak(24 June)

### 2nd Year

Nishank Pandey(1 April)

Pragya Singh(7 April)

Shrejal Mishra(10 April)

Sanya Patel(7 May)

Khushi Srivastava(1 June)

Dhiraj Garkoti(9 June)

Ankush Rawat(10 June)

Udaybhan Singh(10 June)

Ritika Bhardwaj(17 June)

Muskan Rastogi(27 June)

Ayush Tyagi(30 June)

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