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(71)**Name of Applicant :**
  1)**Dr. Mansi Choudhary**
    Address of Applicant :Associate Professor / Nursing Sri Aurobindo Institute of Medical Sciences College of Nursing, Sri Aurobindo University, Indore Ujjain state highway, Sanwer road, Indore, Madhya Pradesh, India. ----------- -----------
  2)**Dr.Anuradha.R.Kondelwar**
  3)**Dr.M.Karthikeyan**
  4)**Velladurai Narayanan**
  5)**Dr K.Sivakumar**
  6)**D Victorseelan**
  7)**Mrs.TS. Arthi**
  8)**Dr.Aarthi E**
  9)**Dr Chithra. R. A**
  10)**M.Poornima Devi**
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
  1)**Dr. Mansi Choudhary**
Address of Applicant :Associate Professor / Nursing Sri Aurobindo Institute of Medical Sciences College of Nursing, Sri Aurobindo University, Indore Ujjain state highway, Sanwer road, Indore, Madhya Pradesh, India. ----------- -----------
  2)**Dr.Anuradha.R.Kondelwar**
Address of Applicant :Assistant Professor, Electronics and Telecommunication Priyadarshini College of Engineering, Nagpur, Near CRPF, Hingna Road, Nagpur-440019, Maharashtra, India. ----------- -----------
  3)**Dr.M.Karthikeyan**
Address of Applicant :Assistant Professor/EEE SRM Institute of Science and Technology, Ramapuram campus Bharathi salai, Chennai 600 089, Tamilnadu, India. ----------- -----------
  4)**Velladurai Narayanan**
Address of Applicant :Professor/Nursing Rohilkhand College Nursing, RMCH CAMPUS Pilibhit bypass road, Bareilly, Uttar Pradesh 243006, India. ----------- -----------
  5)**Dr K.Sivakumar**
Address of Applicant :Mathematics, SIMATS School of Engineering, Saveetha University, Chennai, Tamilnadu, India. ----------- -----------
  6)**D Victorseelan**
Address of Applicant :PhD Research Scholar / Statistics Bharathiar University, Coimbatore, Tamilnadu, India. ----------- -----------
  7)**Mrs.TS. Arthi**
Address of Applicant :Assistant Professor/Computer Science & Engineering, Galgotias College of Engineering and Technology Greater Noida, Uttar Pradesh, India. ----------- -----------
  8)**Dr.Aarthi E**
Address of Applicant :Assistant Professor / Department of Computer Science, Faculty of science and humanities, SRM institute of science and technology, Kattankulathur, Chennai, Tamilnadu, India. ----------- -----------
  9)**Dr Chithra. R. A**
Address of Applicant :Lecturer / College of Nursing King Khalid University, Tehama Branch, Kingdom of Saudi Arabia ----------- -----------
  10)**M.Poornima Devi**
Address of Applicant :Assistant Professor, Artificial Intelligence and Machine Learning, SNS College of Technology, Saravanampatti, Coimbatore – 641035, Tamilnadu, India. ----------- ------------

(57) Abstract :
SMART HEALTHCARE ANALYTICS: FUZZY LOGIC APPROACH TO IDENTIFY PANDEMIC-PRONE DISEASES IN PRELIMINARY STAGES A method of delivering information-enabled personalized healthcare in a clinical, non-research setting may include gathering one or more data streams, each of which is related to a patient's heath. A system for monitoring health and monitoring includes a plurality of devices for analysis at the patient observation site, each with a fluid transfer device and a programmable processor; the external device is configured to exchange data with the plurality of devices; a static database component; and a dynamic database component. A healthcare organization server distributes diagnostic kits and health software to participating computer devices, logging user health data and registering contacts with other users through wireless interactions. The organization compares received data to data received from computing devices from a variety of other users to identify common occurrences. It permits the use of smart technologies for remote healthcare to protect public health. In light of this, the current study introduces a fuzzy logic-based smart and sustainable healthcare system for identifying Covid-19 patients based on their symptoms. FIG.1

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