(19) INDIA

(51) International

(86) International

(87) International

Publication No

Filing Date

Filing Date

Application Number

Filing Date

(62) Divisional to

(61) Patent of Addition:NA

to Application Number :NA

Application No

classification

(22) Date of filing of Application :31/12/2022 (43) Publication Date: 06/01/2023

:A61B0005000000, A61B0005024000,

A61B0005020500, A61B0005110000,

G16H0050300000

:NA

:NA

: NA

:NA

:NA

(54) Title of the invention: MISCARRIAGE PREDICTION SYSTEM AND A METHOD THEREOF

1)ABES Engineering College

(71)Name of Applicant:

Address of Applicant: Campus-1, 19th KM Stone, NH-09, Ghaziabad-201009, Uttar Pradesh, India Ghaziabad ------

Name of Applicant: NA Address of Applicant: NA (72) Name of Inventor: 1)Ms. Shiva Tiwari

Address of Applicant : Student, Department of Computer Science & Engineering (Data Science) (CSE-DS), ABES Engineering College, 19th KM Stone, NH-09, Ghaziabad-201009, Uttar Pradesh, India Ghaziabad -----

2)Mr. Sagar Singh

Address of Applicant: Student, Department of Computer Science & Engineering (Data Science) (CSE-DS), ABES Engineering College, 19th KM Stone, NH-09, Ghaziabad-201009, Uttar Pradesh, India Ghaziabad -----

3)Ms. Pareshi Goel

Address of Applicant: Student, Department of Computer Science & Engineering (Data Science) (CSE-DS), ABES Engineering College, 19th KM Stone, NH-09, Ghaziabad-201009, Uttar Pradesh, India Ghaziabad -----

4)Ms. Dimple Tiwari

Address of Applicant : Assistant Professor, Department of Computer Science & Engineering (Data Science) (CSE-DS), ABES Engineering College, 19th KM Stone, NH-09, Ghaziabad-201009, Uttar Pradesh, India Ghaziabad -----

(57) Abstract:

The present disclosure discloses an automated system (100) for predicting miscarriages in pregnant woman. The system (100) includes a wearable electronic chip (102). The wearable electronic chip (102) includes a plurality of sensors (102A). The sensors (102A) include such as but not limited to a pulse rate sensor, a stress sensor, an ovulation sensor, alcohol sensor, motion sensor, and activity sensor. An input unit (102B) to receive input from a pregnant woman at initiation. The input is in the form of physiological information of the woman comprising age, maternal age, height, weight, BMI, previous miscarriages, and any chronic disease. A microcontroller (104) comprising a non-transitory storage unit (104A) coupled with one or more processors (104B) comprising one or more subunits. The subunits are configured to predict miscarriages in pregnant woman.

No. of Pages: 26 No. of Claims: 5