## Form of Utilisation Certificate

(As per GFR-12C)

(for the period 20th March 2019 to 30th June 2021)

| S.No. | Letter No. and Date                               | Amount (Rs.) |
|-------|---|--------------|
| 1.    | First installment<br>Date 11-07-2019              | 412750.00    |
| 2.    | Second installment<br>Phase I<br>Date 03-12-2019) | 1000000.00   |
| 3.    | Third installment Phase III Date 10-02-2021)      | 100000.00    |
| 4.    | Fourth installment<br>Date 25-02-202              | 138250.00    |
| 5.    | To interest on Saving<br>Bank A/c                 | 30224.00     |
| Total |   | 1681224.00   |

Certificated that out of Rs. 1651000.00 of Grants-in-aid sanctioned during the period of Dr. Ujjwal 2019-21in favour ManikyaNath(CRS Application ID: Collaborat ve Research 5728870652) under Scheme letter Nos. g ven in the marginand Rs. 30224.00 on account of other income/receipt, a sum of Rs.1537675.00 has been utilised for the purpose of (RS project for which it was sanctioned and that the balance of Rs. 143549.00 remaining un-utilized at the end of the project has been surrendered to NPIU (vide No. SBIN321223502205 11.08.2021).

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/ are being fulfilled and that I have exercised that following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised.

1.Vouchers

2.Bank Statement & Cash Book.

FRN:327593E

Name: Ankit Beria

UDIN: 21302121AAAACR3: 48

\*(Signature with seal of CA)

Place: Jorhat

Date: 13.08.2021

## TEQIP-III Collaborative Research Scheme

## **Audited Statement of Expenditure**

(for the period 20th March 2019 to 30th June 2021)

Name of Institute: Jorhat Engineering College, Jorhat, Assam

CRS Application ID: 1-5728870652 Principal Investigator (PI): Dr. Ujjwal Manikya Nath

Project Name: Earlier detection of cardiac irregularity based on human blood pressure model

| S. No. | Head              | <b>Details of Activities</b>  | Amount (Rs.) |
|--------|-------------------|---|--------------|
| 1.     |                   | a) Workstation and UPS  | 94980.00     |
|        | Non-<br>Recurring | b) Printer  | 33999.00     |
|        | Recuiting         | c) Life science data acquisition, BP cuff transducer, ECG measuring instrument and PPG measuring  | 155000.00    |
| 2.     |                   | a) Orientation workshop for PIs on CRS on 16 <sup>th</sup> July 2019 at AICTE Auditorium, New Delhi   | 14277.00     |
|        |                   | b) Conference paper presentation (ICCIDS 2019) at NorthCap University, Gurugram   | 23078.00     |
|        |                   | c) First CRS project review on 28th November 2019 at AICTE Auditorium, New Delhi  | 27050.00     |
|        |                   | d) Project planning meeting with CO-PI at the Dept. of Applied Physics, University of Calcutta during 20-28th December 2019   | 20612.00     |
|        | Domestic          | e) DSIR certificate collection from Dibrugarh University  | 1050.00      |
|        | Travel            | f) Second CRS project review on 22 <sup>nd</sup> February 2020 at AICTE Auditorium, New Delhi   | 17401.00     |
|        |                   | g) Future project planning meeting with CO-PI at Dept. of Instrumentation and Electronics Engineering, Jadavpur University during 19, 20 October 2020   | 11202.00     |
|        |                   | h) Project planning meeting with CO-PIs at Dept. of<br>Instrumentation and Electronics Engineering, Jadavpur University<br>and Applied Physics, University of Calcutta during 01- 05<br>December 2020   | 13597.00     |
|        |                   | <ul> <li>i) Collaborative research activity for real-time validation of the<br/>project at Dept. of Instrumentation and Electronics Engineering,<br/>Jadavpur University and Applied Physics, University of Calcutta<br/>during 18-22 January 2021</li> </ul> | 14731.00     |
|        |                   | j) Faculty training on future skill technologies (cancellation fees) IIT Bombay 16-20 March 2020  | 7660.00      |
|        |                   | <ul> <li>k) Project completion meeting at Dept. of Applied Physics,</li> <li>University of Calcutta during 15-20 February 2021</li> </ul>   | 16764.00     |
|        |                   | I) Review of CRS project at IIT Guwahati on 8th March 2021  | 9253.00      |

| TOTAL |               |   | 1537675.00 |
|-------|---------------|---|------------|
|       |               | b) Registration fee of online FDP program   | 1500.00    |
| 5.    | Miscellaneous | a) Conference (ICCIDS 2019) paper registration charge   | 10000.00   |
|       |               | <ul> <li>i) External hard disk, webcam, earphone, cable, adapter, copier,<br/>name plate</li> </ul> | 16900.00   |
|       |               | h) Printer tonner, Laptop battery, A4 pages, Files  | 8740.00    |
|       |               | g) ECG electrodes   | 2000.00    |
|       |               | f) Antivirus (Total security)   | 1800.00    |
|       |               | e) Sensor   | 7500.00    |
|       | Consumables   | d) USB W/L adapter  | 826.00     |
|       |               | c) A4 papers  | 690.00     |
|       |               | b) Purchasing of wire, switches and extension board   | 750.00     |
| 4.    |               | a) Purchasing of small consumable items   | 3530.00    |
|       |               | e) Auditor payment  | 4500.00    |
|       |               | d) IEEE membership renewal charge   | 6210.00    |
|       | Contingencies | c) Auditor payment  | 3000.00    |
|       |               | b) Purchasing of files and some other necessary items   | 3625.00    |
| 3.    |               | a) Annual charges of IEEE membership  | 5450.00    |

Upul monitys Noth Principal Investigator

(Dr. Ujjwal Manikya Nath)

(Signature with seal)

Institute Principal/Dean/Director

Principal
Jorhat Engineering College
Jorhat-7

