

GRG TRUST RESEARCH PROJECT

Design and development of diabetic classification and management system using sensor data

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Co PI: Dr. R. Kavitha, Asst. Professor/CS UG

Amount Sanctioned: Rs. 1,50,000

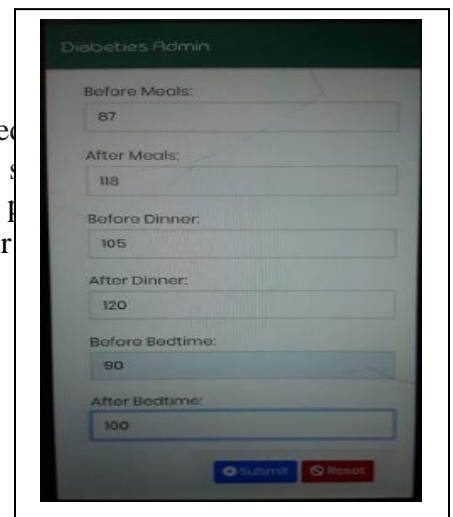
Year: 2019-2022

Project outcomes:

- A real-time diabetic dataset collected from hospitals
- A quickly sharable, reusable diabetic dataset in NoSQL unstructured
- Effective deep learning based diabetic classifier to predict diabetes
- Development of 2 mobile applications that can be used by diabetic patients to monitor their diabetic condition and take necessary action according to their

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- ❖ Publications: DESIGN AND DEVELOPMENT OF MOBILE APPLICATION FOR DIABETIC PATIENT BLOOD GLUCOSE LEVEL MANAGEMENT published in Journal of Critical Reviews, ISSN- 2394-5125, VOL 7, ISSUE 9, 2020 (Scopus Indexed)
 - ❖ Conference/ Seminar/ Workshop:
 - ❖ Books:
 - ❖ Any other achievements:
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