

Date: 16/07/2022

To,  
Dr. Biswajeet Champaty  
Assistant Professor,  
School of Engineering  
Ajeenkya DY Patil University, D Y Patil Knowledge City,  
Charholi Bk. Via Lohegaon, Pune – 412105

## **Approval of Research Grant for the Project Titled Next-Generation “EEG Signal Acquisition and Analysis Platform”**

Dear Dr. Biswajeet Champaty

We are pleased to inform you that after a comprehensive evaluation of your research proposal, the Research Grant Committee has **approved your application for a grant amounting to 65,00,000** (Sixty-Five Lakh Rupees) for the project titled “**Next-Generation EEG Signal Acquisition and Analysis Platform**”. This research will be funded for **two years**, in accordance with the guidelines and provisions outlined below.

### **Background of the Grant**

Our institution has always recognized the importance of cutting-edge research in advancing both academic understanding and real-world applications in healthcare. The research funding initiative was established to encourage innovative projects that address critical needs within various fields of medical science, technology, and health services. After rigorous evaluation and careful consideration of the scientific, social, and economic impact, we have found that your project perfectly aligns with the goals of this initiative.

The Next-Generation EEG Signal Acquisition and Analysis Platform “project demonstrates **substantial potential** in revolutionizing **stroke health monitoring**, particularly in terms of simplifying EEG and improving accessibility for broader populations. We are confident that the success of your research will contribute significantly to advancements in cardiology, offering cost-effective and efficient diagnostic tools, which could positively impact healthcare delivery, especially in resource-limited settings.

### **Significance of the Project**

Your proposal highlights the potential of **Next-Generation EEG Signal Acquisition and Analysis Platform** “systems as a more accessible and cost-effective method for detecting and monitoring cardiovascular diseases, a field that is critical for both clinical practice and public health. Your study aims to **optimize the performance and reliability of EEG Based systems**, in contrast to traditional methods, are not only timely but also relevant to the current needs of the healthcare industry.

This project has significant ramifications, particularly for:

1. **Rural and Remote Areas:** Given the lack of infrastructure and specialized medical personnel in many rural and remote areas, a simplified, portable, and reliable EEG system could **provide early diagnosis** and reduce the burden of diseases.
2. **Cost-Effective Solutions:** By reducing the complexity and cost associated with traditional EEG machines, your project could significantly **lower the financial barriers** faced by smaller healthcare facilities and clinics.
3. **Advancements in Telemedicine:** With the increasing emphasis on telemedicine, a more efficient EEG could be integrated into **remote monitoring systems**, allowing real-time data to be transmitted for analysis, thus improving patient outcomes through timely intervention.

### Expectations and Responsibilities

As the **Principal Investigator (PI)**, you are expected to manage the project, ensuring that all research objectives and deliverables are met within the two-year time frame. The institution has full confidence in your ability to lead this project to success. However, we would like to reiterate the following expectations:

1. **Adherence to Ethical Standards:** All research activities should strictly adhere to the institutional guidelines on **ethics, safety, and data protection**. The use of human subjects or patient data, if applicable, must comply with the highest ethical standards, including the approval of your institutional ethics committee.
2. **Collaboration and Dissemination:** We encourage collaboration with other researchers, clinicians, and organizations to **enhance the impact** of your findings. Furthermore, we expect the outcomes of your research to be disseminated through reputable academic journals and conferences. Acknowledgment of the grant in all publications and presentations is required.
3. **Budgetary Compliance:** You are requested to ensure that the **budget is strictly adhered to**, and any deviations are promptly communicated and approved by the Research Grant Committee. The allocation of the budget includes provisions for equipment, personnel, and other necessary resources to facilitate the completion of the research.

### Support and Oversight

To facilitate the smooth execution of your project, you will receive **administrative support** from the Research Grants Office. The finance department will work with your team to ensure timely release of funds and adherence to financial protocols. Additionally, the committee will assign a **grant coordinator**, who will serve as a point of contact for any issues or inquiries you may have during the duration of the project.

Furthermore, the committee will conduct **periodic reviews** to assess the progress of the research, in addition to reviewing the submitted reports. We aim to provide constructive feedback to assist you in overcoming any challenges or obstacles that may arise during the course of your research.

We are confident that this research grant will enable you and your team to make significant contributions to the field of cardiology, with the potential to impact both academic research and clinical practice. We wish you success in this endeavor and look forward to the impactful results of your project.

Should you have any questions or require further clarification regarding any aspect of this grant, feel free to reach out to the Research Grants Office at [contact details].

Once again, congratulations on receiving this prestigious grant. We look forward to the successful execution of your research and the promising outcomes that it will deliver.

Best regards,

With best wishes,



(Mohit Shukla)  
Chief Executive Officer