



Depok City, Indonesia, 15 September 2019

Letter No. : 006/VIP/IEEE-IS/HTC/II/2019  
Attachment : Finalists of the Humanitarian Technology Project Competition in R10 IEEE HTC 2019  
Subject : **Finalist Announcement**

Dear

Participant of Humanitarian Technology Project Competition in R10 IEEE HTC 2019

On behalf of the committee of the **IEEE R10 Humanitarian Technology Conference 2019 (IEEE R10 HTC 2019)**, We are very pleased to have the honor of publishing the finalist for Humanitarian Technology Project Competition in R10 IEEE HTC 2019 as on the attachment file. It is also published in our official website at: <https://r10htc2019.org/project-competition/>

We invite personally to all finalists to come and join Humanitarian Workshop in R10 IEEE HTC 2019 that will be held on 12<sup>th</sup> November 2019 in Depok, West Java, Indonesia. Regarding the finalist we address some important issue as follow:

- All the finalists are required to present the project in 10 minutes during the workshop. We will consider another presentation mechanism for those who are not able to come to venue.
- All the finalists are eligible to join the Humanitarian workshop for **FREE**. The event package including food and beverage.
- We will email the invitation letter subject to the representative name requested by the team for VISA purposes.
- We suggest to all finalists to apply for airline and accommodation grant from IEEE HAC, IEEE SIGHT, or other IEEE funding channels.
- We are still waiting for final decision of our proposed funding to HAC Event. If it is success, then some part of fundings will be addressed for finalists' allowance during the event. Once it is approved, we will notify the finalists immediately.

Through this email, we would like to deliver our huge appreciation to the whole participants who had submitted their projects to the competition event. We wish you a good luck for the project. We are also inviting you all to attend our Humanitarian Workshop event R10 IEEE HTC 2019. The workshop registration fee is published on the official website.

Currently we are still waiting for the final decision of our proposing funding to HAC event. If it is approved, all the submitted project will exhibited as a poster with the committee budget, all the participants will get certificate and allowance for those who are able to come to workshop. This exhibition is intended to publish, to enlarge the awareness and coverage and to inspire people how to apply engineering concepts for solving Humanitarian problems.

Sincerely,

**Dr. Basari**

General Chair of IEEE R10 HTC 2019  
Biomedical Engineering Course Program,  
Department of Electrical Engineering, Faculty of Engineering,  
Universitas Indonesia



LIST OF FINALIST  
HUMANITARIAN ENGINEERING PROJECT COMPETITION  
R10 IEEE HTC 2019

Project ID	Category	Title of Project	Institution
B21	On Going Project	Bend	Amrita Vishwa Vidyapeetham
B5	On Going Project	Galoon Project	University of Indonesia
B16	On Going Project	Patient Vital Signs Monitoring and Display by Wireless Communication System	UET Lahore
B14	On Going Project	CasTalk – An Intelligent Sign Language to Speech Translator	National Engineering College, Kovilpatti, Tamil Nadu, India
B12	On Going Project	Mental Health Diagnosis by Thermal Imaging	Amrita Vishwa Vidyapeetham
B7	On Going Project	Patriot Pangan (Food Security Patriot): Electronic Participation and Initiative Platform to Reduce Food Insecurity in Indonesia	Department of Computer Science, IPB University
A20	Proposal	IoT Based Smart Blind Stick with GPS Tracker	Malaysia-Japan International Institute of Technology
A14	Proposal	improved Coastal Earth Battery Unit (i.C.E.B.U.)	University of San Carlos Philippines
A4	Proposal	Designing Early Warning Flood Detection and Monitoring System via IoT	Razak Faculty of Technology and Informatics, Malaysia-Japan International Institute of Technology
A16	Proposal	IOT based Online Telemedicine System for Old Age Home	Vignan Institute of Technology and Science
A21	Proposal	Building a Smart Gardening System and Plant Monitoring using IoT	Malaysia-Japan International Institute of Technology
A18	Proposal	Enhancing the Literacy Outcomes for ESL Students Using Smart Applications	Teach for India – Chennai

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**Dr. Basari**

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