HINDSIGHT IS...

2020

◆◆◆

Smart helmet innovation of Amrita University student team showcased in National Expo

Team Name: **Brain Bucket**

PROJECT
SMART HELMET

Student Members

GOKUL RAJ J
II B.Tech. CSE

V.S.S.K CHAITANYA
II B.Tech. CSE

BAVESH RAM S
II B.Tech. ECE

M.DARSHAN
II B.Tech. CSE

Faculty Mentor
Dr. Prashant R. Nair, Associate Professor - CSE

AMRITA
VISHWA VIDYAPEETHAM
Amrita School of
Engineering, Coimbatore

Department of Computer Science & Engineering (CSE)
Department of Electronics & Communication Engineering (ECE)

4th
BEST PRIVATE UNIVERSITY
IN INDIA BY PRODIGEST

India - A smart helmet innovation developed by Brain Bucket, a student team from Amrita School of Engineering, Amrita Vishwa Vidyapeetham (University), Coimbatore campus in South India has emerged as runner-up in Students Engineering Model Competition & Expo.

The Expo, part of the prestigious India International Science Festival (IISF) 2020 organized by the Ministries of Science, Technology, Earth Sciences and Health & Family Welfare of the Government of India, was held from 22 to 25 December 2020.

"It has been an amazing string of innovative and stellar ideas from AMRITA students," Dr Sasangan Ramanathan, Dean, Faculty of Engineering, Amrita Vishwa Vidyapeetham said.

"It is spectacular to see our students win in India, USA, Europe, New Zealand, Australia and Singapore - making their presence known globally. Truly a remarkable journey by our students and faculty that exemplifies the core principles of Amrita - Always challenge the impossible!!"

IISF 2020 is a flagship event of Indian Government's long-term vision in developing the spectrum of scientific temper in India and also showcasing India's contributions in science and technology to the world.

The theme of IISF 2020 was Science for self-reliant India and Global welfare to support the Government's initiative of making Atmanirbhar Bharat and was inaugurated by Shri Narendra Modi, Honorable Prime Minister of India.

Features of the smart helmet include voice-assisted navigation system, traffic-sign detection system and safety system using IoT & machine learning.

Team Brain Bucket student members were Darshan M., Gokul Raj J, V.S.S.K Chaitanya, all students of II B.Tech Computer Science & Engineering (CSE) and Bavesh Ram S., II B.Tech Electronics & Communication Engineering (ECE) and mentored by Dr. Prashant R. Nair, Associate Professor-CSE, Amrita University, Coimbatore campus