

## Students of Kongu Engineering College, Perundurai Won Rs. 3 Lakh Cash Prize in Smart India Hackathon

Smart India Hackathon (SIH) is a Pan-India contest conducted by the Ministry of Education with a mission to foster innovation among students. The grand finale of SIH 2023 was conducted for the hardware and software category with 234 problem statements in 48 nodal centers across India in which 1305 teams participated.

Three teams from Kongu Engineering College, Perundurai, Innovisioners from Department of CSE, Twincord from Department of Computer Technology – PG and Cogentrix from combination of departments of Mech, EIE and IT have won the hackathon held at G.H. Raisonni College of Engineering Nagpur, Maharashtra, GIET University, Gunupur, Odisha and NallaMalla Reddy Engineering College, Hyderabad respectively. All the teams had won first prize in their category with a cash award of Rs.1 lakh each.

The team Innovisioners consists of Kalaiselvan.K, Mano Sundar.M, Muthu Karuppan.P, Mohanraj.C.M, Kaviya.P and Kavya.P guided by Dr.S.Malliga, Professor & Head of the department, CSE. They developed an AI-based mobile application for detecting dermatological manifestations. The team Twincord consists of Harrisjayakumar.V, Ragul.R.R, Sreevadhani.G, Thejus.U, Guhan.S and Vignesh.K guided by Dr.E.Gothai, Associate Professor & Head of the Department, CT-PG, Flying Officer. A.Jeevanantham, and Mr.Haries Palaniappan, Associate Developer, Squadl Technologies Private Ltd, Coimbatore. They developed a tool for the Detection of Malware Trojan in software's that are used in the Power Sector. The team Cogentrix conscits of Devaprakash.S, Dhinuvvarsha.M, Harishkumar.S, Srinithi.L, Harini.M, Maithra.S guided by Dr.P.Selvakumar, Professor & Head of Department, Mechanical Engineering and Dr.B.Venkatesan, Assistant Professor-Senior Grade, Department of EIE. They provided a hardware-based solution for the prediction of wear and tear of conveyor rope & belt using Infrared Thermography and Machine Learning.

Thiru.A.K.Ilango, Correspondent, KEC and Dr.V.Balusamy, Principal, KEC congratulated the teams and their mentors for the efforts they had put in.

