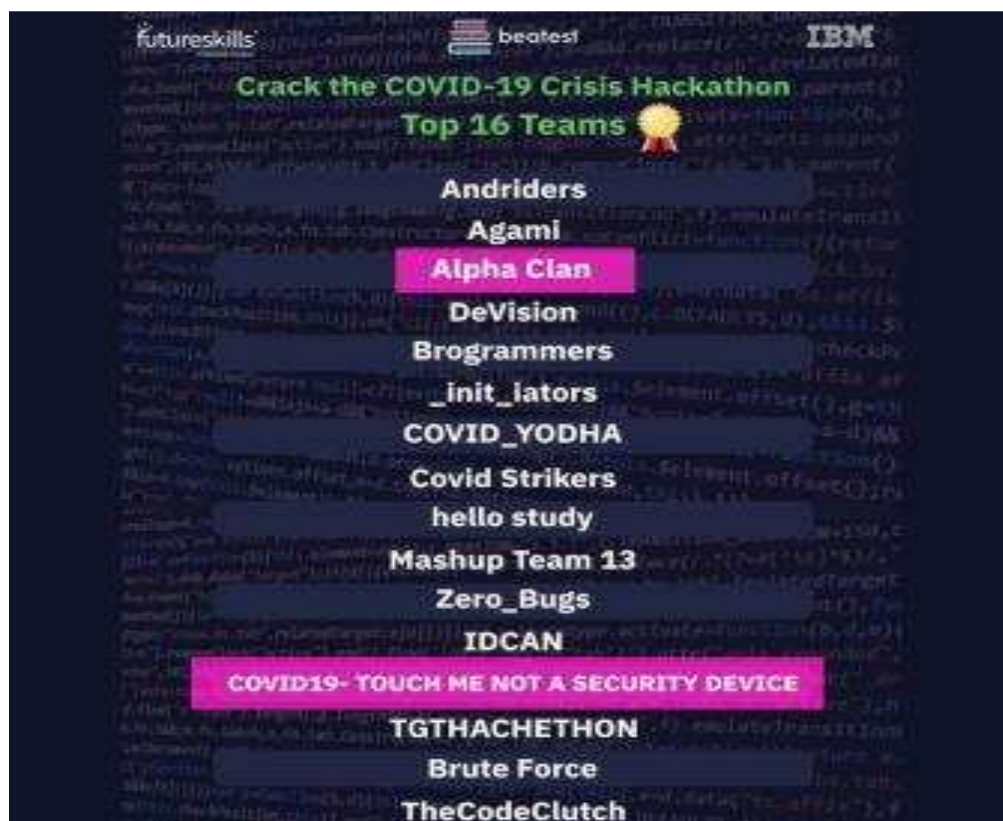# NASSCOM-IBM HACKATHON –Crack the COVID-19 Challenge

One of the IV year ECE Team ranked in top 15th in IBM Hackahton Challenge

Out of 26000 teams registered and submitted the project for the Hackathon conducted by IBM in association with NAASCOM one of the team name: "COVID19 –Touct me not a Security device "of ECE department under the guidance of Dr.Anil Kumar Sahu qualified in top 15 teams for the final which was held in **April-May 2020**

TEAM NAME: COVID-19 TOUCH ME NOT A SECURITY DEVICE

DESCRIPTION SOLUTION: TOUCH ME NOT – A SECURITY DEVICE FOR PATIENT HEALTH MONITORING SYSTEM: In continuous upgrading world humans believe in their self worth. They have participation in every sector of life. But lives have become so vulnerable these days that safety and security of their lives is one of the burning question on this pandemic corona virus disease . Everywhere they have to face unwanted incidents with corona virus infected human surrounding our environment. Considering all incidents and violation of rule do not spread against humanity this idea of smart wristband safety device aligned with GPS and GSM modules, with temperature and pulse sensors came into consideration. During dangerous situations user just needs to press SOS button fitted on the wrist band, or the sensors will sense an increase in temperature or pulse rate and then automatically the message of user location tracking via GPS will be sent to the registered numbers through GSM. This device is advantageous than compared to other of similar purpose, in an efficient way. The main objective is for the device to be light weight and place the SOS switch in a easy accessible region,with additional sensors leaving no worse case possible.This major solution work quality is measured in terms of consideration to factors including, but ethics, cost, type and standards . Required Equipment are a computer (Windows, Mac, or Linux),an Arduino-compatible microcontroller (NODE MCU) andA USB A-to-B cable, or another appropriate way to connect your Arduino-compatible microcontroller to your computer.Our Future Scope includes the real time implementation of the proposed system with the additional components like buzzer to alarm the people nearby, and a camera to capture images of the COVID-19 affected patient.

Team Members	Name	Email Id	Department	Year & Section	Mobile NO
First Member	PREETHI KULKARNI	kulkarni99@gmail.com	ECE	IV & A	8977142151
Second Member	SAI TEJA PANDIRI	teja-pandirisaiteja168@gmail.com	ECE	IV & A	9959262488
Third Member	KUMMARI SATHISH	rj07sathish@gmail.com	ECE	IV & A	9666740223
Fourth Member	KONATHAM SUKEERTHI	sukeerthi-sukeerthi0706@gmail.com	ECE	IV & A	7093042989
Fifth Member	Dr. Anil Kumar Sahu	anilsahu82@gmail.com	ECE	IV & A	9926811371

Name of the Faculty:Dr. Anil Kumar Sahu

Department Name: Associate Professor (ECE)

Email Id:anilsahu82@gmail.com

List of ECE Student participated in IBM Hackathon Crack COVID 19 Challenges are:

S.No.	Faculty Name	Team Name	Total No. of students
1	Dr. Rambabu V	Team 1: Alpha	3
		Team 2 Hooligan	4
		Team 3:Achievers	3
		Team 4:BEITHYD	4
2	Dr. Naveen Rathee	Team 1: SAHYOG19	4
		Team 2: SEWABHAV19	4
		Team 3: Aarogya	3
		Team 4: Cognizance19	4
		Team 5:COVID19 SAVIORS	4
		Team 6. VLSI2 BIET.	3
3	Dr. Neeraj Kumar Mishra	Team 1: supporterbietcovid	4
		Team 2: supportercovidbiet	4

		Team 3: campaignercovid	2
		Team 4: team10	3
		Team 5:COVID-19 Spartan	4
4	Dr. K. S. Balamurugan	Team 1: COVIDBoT	4
		Team 2: Champions	4
		Team 3: PravinceResuers	4
		Team 4: Smart Team	4
		Team 5 : Triuphs	4
		Team 6: We5BIET	4
		Team 7 : COVID Sting	4
		Team 8:champions	4
5	Dr. Papiya Dutta	Team 1:Peaky Blinders	4
		Team 2:TechMachas	4
		Team 3:Strike Force	3
		Team 4: Code Busters	3
6	Dr Anil Kumar Sahu	Team 1: Covid-19 Touch Me Not Security Device	5
		Team 2:Covid19 Spartan	3
		Team 3:campaignercovid	4
		Team 4:Reacher	3
7	Dr. Sanjay Kumar Suman	Team 1:MSR	3
		Team 2:CREATOR	3
		Team 3:AKAS	3
		Team 4: BIET CHAMP	4
		Team 5:Vision	4
		Team 6:Pritvi	3
8	Ch.Kranthi Rekha	Team 1:We3	3
		Team 2:Sanitizers	4
		Team3:Mind Benders	4
		Team 4:The wizards	4
		Team 5:4D5	4
		Team 6:BIET	3
		Team 7:Techno boys	4
9	R. B. Satish Kumar	Team 1:COVID WARRIORS	4
		Team 2:THE FUTURE	4
		Team 3:BIET - B1	3
		Team 4:4COURIOUS	5
10	D.Sankara Reddy	Team 1:COVID-19@FIGHTERS	3
		Team 2:INNOVATERS	4
		Team 3:THEFUTURE	4
		Team 4:CONQUERORS	4
		Team 5:LOCKDOWNLIFE	2
		Team 6:AI@COVID-19	5
		Team 7:TECH@COVID-19	4
		Team 8:SOCIALDISTANCE	3
11	Ankith Kumar Singh	Team 1:ELITE	4
		Team 2 Team India	4
		Team 3: TECHNO SOLUTIONS	4
12	Ch.Mohan Babu	Team 1 :Margadarsi	4

		Team 2 :CORONAGO	4
		Team 3:TEAM D7	3
		Team 4:MR OM	4
13	MBR Srinivas	Team 1:Winners2.0	3
		Team 2:winners@2.0	3
		Team 3: The Gloden Trio	3
		Team 4:ICE Breakers	4
14	I. Ravi Kumar	Team 1:Kanyarasi	4
		Team 2:Aspirants	5
		Team 3.:Vabhrich	4
		Team 4 4D4	4
15	G Surender Reddy	Team 1: Fight againstcovid 19	4
		Team 2: ECECCOVIDWARRIORS	4
		Team 3: IIIECEDCOVID19DEFENDERS	3
		Team 4:IV ECEA6CORONA CHALLENGERS	4
16	B.Sridhar	Team 1 c-team	5
		Team 2 Fighters forever	4
17	T.V.Suresh Kumar	Team 1:TECHNINJAS	3
		Team 2:HACKATHON	3
		Team 3:RAISING STARS	4
		Team 4:BATCH 11	4
18	R.Basava Raju	Team 1 TECHSAVIOR	4
		Team 2: TECHGIANT	4
		Team 3: BIET CHAMP	4
		Team 4: Tech Enhancer	4
19	G. Kishore	Team 1: BIETIIECEB1	3
		Team 2:covid19ECEB	4
		Team 3: techsyndicate	4
		Team 4:cvraman	4
		Team 5:spark	3
20	P.Ravi Krishna	Team 1:- P Ravi Krishna	4
		Team 2:- S Dhanasri	4
		Team 3:- D Dharani	4
		Team 4:- XYZ	4
21	P Prasad	Team 1: BIET04B16	4
		Team 2: PRO	4
		Team 3: JAGUAR	4
		Team 4: BIET	4
22	G Joy Sangeeth Raj	Team 1 TEENOVATORS	4
		Team 2 All Fired Up	4
		Team 3 Terminators	4
		Team 4 Alpha	4
23	G. P. Ramacharyulu	Team 1 Blitzkrieg	5
		Team 2 Core-19	4
		Team 3 Digital_Dream	5
		Team 4 (Team 6)	4

		Team 1-Tech Tycoons	3
		Team 2-CrackCovid with IOT	4
		Team 3-Tech Warriors	4
24	Archana Soman	Team 4-Red wings	4
		Team 1-TEAM COVID SOLUTION	3
		Team 2-CONQUER	4
25	S. Rahul	Team 3- mind benders	3
		Team 1:B5	4
		Team 2:Covid 19-ECE B	4
		Team 3: BIET	4
26	B. Prashanth	Team 1: Gesture Control	4
		Team 1-Tech Hackers	4
		Team 2-Mind hack zombies	4
27	Neeta Ingale	Team 3 : Tech Warriors	3
		Team 1 Covid warriors	4
		Team 2 Trio	4
		Team 3 Technotuners	4
		Team 4 Bietians2.0	4
28	Prashant Kulkarni	Team 5 Champs	4
		Team 1: Alpha	4
		Team 2: Techown	4
		Team 3: ProjectZ	4
		Team 4: Kabhoom2020	4
29	N Pitcheswara Rao	Team 5 connect tech	3
		Team 1 Krishnaveni	4
		Team 2 Covid-19 Soldiers	4
30	B. Krishnaveni	Team 3:VLSI BIET	3
		Team1 :One Dream	4
		Team 2: SIH	4
		Team 3: Avenger	5
		Team 4: Thinker	5
31	Abhishek Kumar	Team 5:AZTECS	4

Total	520

The BIET Hackathon was organised for II/III/IV year students on 9th Nov 2019 by
ECE/CSE/EEE/ME & CE Dept

ECE Students are presenting their ideas in hacakthon event.