Swachh Bharath

Team Leader: Ms.Gowri Chandra N(Team Head)

Team Members:

- Chaithra G
- Bharadwaj B
- Kumudha M
- Adithya
- Dhana

Faculty advisors:

- Dr. B. Shadaksharappa (Prof & Head (CSE))
- Prof. Raghavendra Rao B
- Prof. Shalini K V

Various Events Participation details:

- Participated in "SS12 age of innovation IEEE championship 2016 " event was organised by, Shri Venkateshwara College of Engineering, Bengaluru.
- Participated in *"Project Possibility SS12 age of innovation 2016"which is held on 26th & 27th September, in KCT Institute of Technology, Coimbatore, Tamilnadu.*
- Participated In "ISTE State Level Student Symposium / Project Exhibition On Industrial "Internet Of Things" – 2k16.
- Participated In VISAI – 2017 7th International Project Competition And Exhibition, Chennai, Tamilnadu
- Participated in SMART PITCH AAKAAR 2017, IIT BOMBAY.
- Participated in *Abdul Kalam Innovation "conducted by ICT Academy in association with Sri Sairam Engineering College, Chennai on 8th of April 2017.*
- Participated and got selected for the final round in Karnataka Student Innovator Award *conducted by ICT Academy in association with Venkateshwara College of Engineering, Bengaluru. 8th of Feb 2018.*

Achievements of the Project:

- Team INFERNOsecured 1st place in the Competition (Preliminary round).
- Secured 3rd place in final round (All over Sub-Continent Level).
- Secured 3rd prize with cash reward of Rs. 5000.00 in the IIOT 2K16 event.

- Team INFERNO secured 1st place (infrastructure domain) in the Competition with cash reward of Rs. 10,000.
- Team **INFERNO** secured 6th place in IIT, Bombay.
- Got Selected for the final round in Karnataka Student Innovator Award 2018.

Brief description of the project:

- Intelligent and Smart Mobility.
- IOT provides new opportunities for making cities smarter.
- Project is designed for the effective Dry-Wet Collection using Embedded System.
- Responsible handling resources.
- Smart Waste Management as part of smart city concepts.

Social relevance of the project:

- Comparison with Current Solution: –
- Communication between the Infrastructure deployed in the city service operator.
- An embedded system and (IOT).
- Real time information about status of garbage segregation.
- Limiting labor and time allocation.
- Easy way collecting the waste.


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