

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

CRITERIA-7

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.

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Achievements of the Project:

- Team INFERNO secured 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 labour and time allocation.
- Easy way collecting the waste.



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Dr.K. Sivasakthi Balan

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WASTE MANAGEMENT POLICY

College must comply with the legislative requirements governing the disposal of waste. This places a responsibility on all people on Campus to dispose of waste in a responsible and legal manner.

Several kinds of dry, wet waste are generated in the college and necessary waste management steps are taken for its correct disposal which consist of: Solid waste management, Liquid waste management and E-waste management.

- All waste/garbage from college and hostels is segregated at source and disposed-off.
- Waste like newspapers and stationery is sold to proper vendors. The college has built a solid waste disposal bins at the necessary places.
- Wasted water is reused and provided to the plants in college campus.
- Hostel canteen and kitchen waste is collected and provided to the surrounding villagers so that they can feed their cattle and for manure.
- E-waste (discarded electrical or electronic devices) is disposed through outside agencies. The computer-generated waste and out-of-use parts are sold to the vendor for recycling.
- Chemical waste generated in the chemistry lab is also disposed of properly.



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CANTEEN WASTE FOOD COLLECTION BIN



NEWS PAPER COLLECTION STATION





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SOLID WASTE COLLECTION





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LIQUID WATER WASTE RECYCLING (AT CANTEEN HAND WASH)





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E-WASTE





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