

29 AUGUST 2024

# Newsletter

Shetty Institute Of  
Technology



R&D Team, headed by Dr. Subhash Kamal (Dean, Head of R&D)

## Let us overview what had happened @ Central University of Karnataka and its outcome!

This August Edition of news letter brings the updates that Research and Development activity has been initiated by SIT, where the R&D team headed by **Dr. Subhash Kamal**, Dean and Head of Research & Development, from **Shetty institute of technology** have visited the CSE Department's R&D center @ Central University of Karnataka, gulbarga.

R&D team had visited the CUK as a learning initiative in order to study, how to establish Research and Development center in our SITK institution.

Our R&D team is working in pipeline to sign an MOU with central university of Karnataka. In order to create a Centre of Excellence for IoT based learning.

As the students of SITK are very actively involved in the technical studies & as part of academic curriculum they are ben involved in project based learning.

SITK's R&D team had meet the R&D lead of CUK, Dr.S Hegde sir who is the very knowledgeable, helping nature personality from CSE department and he the one who is supporting SITK to raise his hands in exploring its research & Development hands to reach new horizon & we have also seen him helping his research scholars to the core extent.

On the cover page, SITK's R&D team headed by Dr. Subhash Kamal sir at CUK's R&D center visiting the IoT research device i.e., 3D which was part of innovative project by one the research scholar of Dr. S Hegde sir.

As part of this visit we have seen various IoT research project being build up by the research scholars @ CUK which we will see on the go..

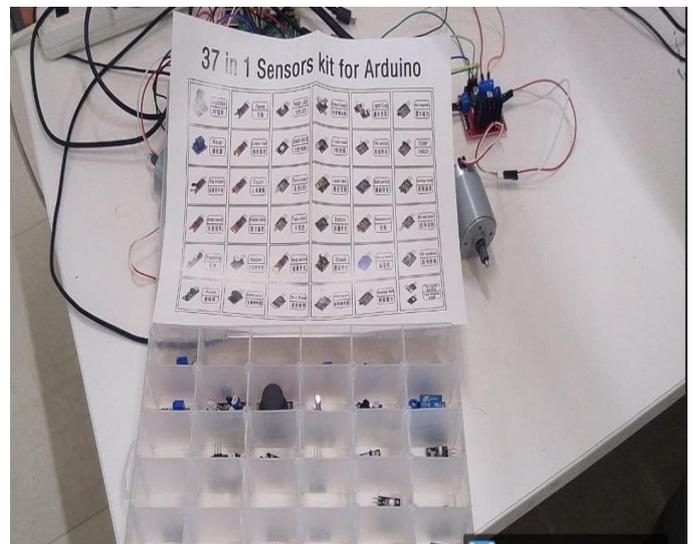
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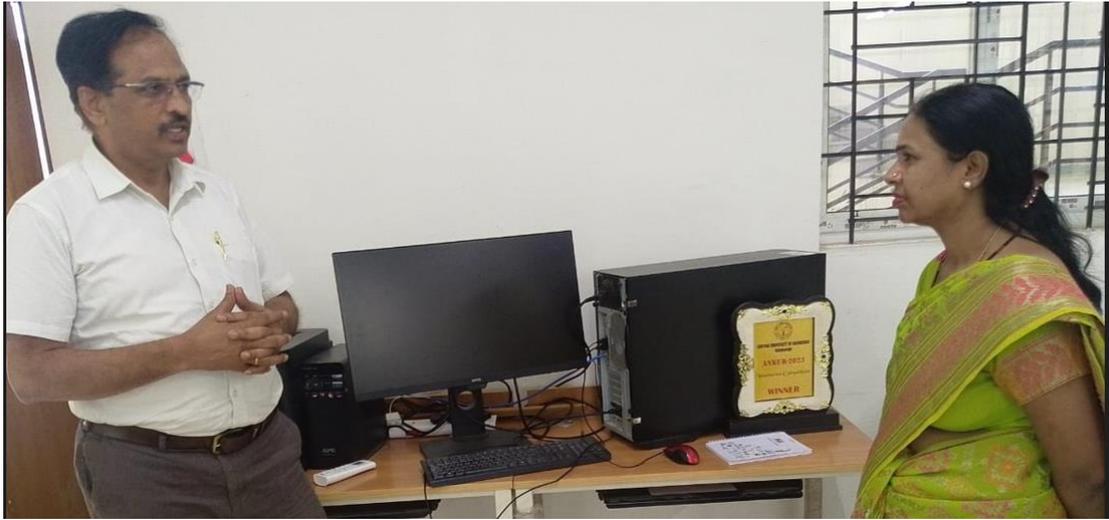
SITK's R&D team's discussion with Dr. S Hedge sir

On the top snap we see SITK's R&D team having important discussion on ideas how to initiate new IoT based R&D lab/center setup @ SITK along with precautions and help needed from Dr. S Hegde sir.

On the right side snap we see the 37 in 1 sensors kit used by the CUK's R&D team in order to built their IoT based research project & the importance of these kit's components were also discussed in abstract style



On the left side snap we see Dr. S Hegde sir from CUK showing the Dorne used for fertilize purpose at farm, using this drone which hold's 5 liter liquid capacity to fill the pesticides & spray the same over the farms as an innovation towards automation



In the above snap Dr. S Hegde sir is showing the GPU server used in their Research lab/center for AI based machine learning programs & also he discussed the pro's & con's of having this server installed in R&D lab/center



In this above snap we see new concept of IoT based research/project i.e., AR/VR device which produce the visual effect to the end user, a new concept/innovation towards visualization

*The overall experience of SITK visit @ CUK was a new initiative in R&D center development in interest of the institution & this will also be encouraged in future, with many-more new milestones to be launched in interest of the institution.*

R&D Member(Editor)

**Dr. Shaik Abid**

Dean, Research & Development

**Dr. Subhash Kamal**