Koneru Lakshmaiah Education Foundation



(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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Department of Electronics and Communication Engineering

Event: One-Day Workshop

Title: "Design and Code a Drone"

Date: **2nd January 2020** (Thursday)

Resource person: Mr. Venkat & Team from Tech Team

Solutions (First company in Andhra Pradesh to be a ISO

9001:2015 certified in the Domain of Robotics)

Timings : 9:00 A.M. to 05.00 P.M.

Venue : R104, R&D Block, KLEF

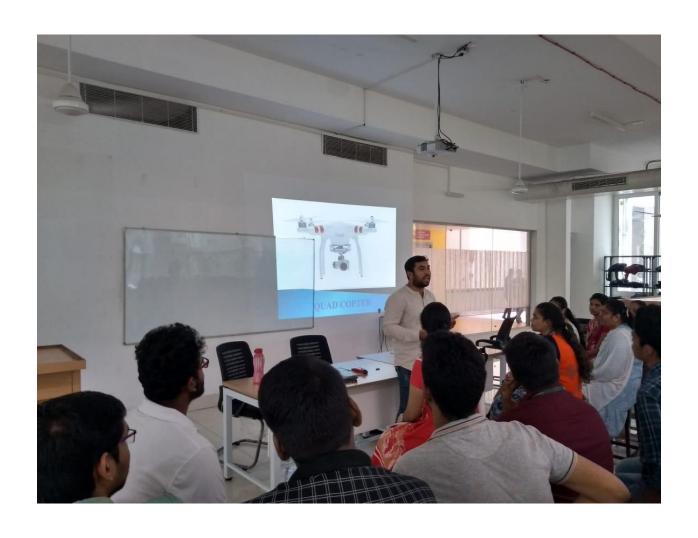
No. of Students Participated: 43

During the workshop, the participants learned basic knowledge about drone technology as well as some more advanced examples of how the technology can be used in Arctic environments. There was also a Round Robin station system with discussions on sensor technologies, future and desirable applications, and two stations that allowed all the participants to test fly different drone models on the market, both inside the warehouse at UNIS and outdoors. The participants showed great enthusiasm during the entire workshop and a lot of excitement during the drone test flying sessions. The feed-back from the participants afterwards was very positive on how surprisingly easy they thought the drones were to operate. For some of the researchers it was the first time to operate a drone. Several new ideas were born in the break-out sessions on how technology and

environmental research can benefit from each other in the future. Drone legislation was also covered in one of the sessions during the workshop. The result from the drone workshop is presented in this report and will be developed further in Guidelines for drone usage in Arctic environment (D8.5). A drone pocket guide was developed especially for this occasion and was distributed during the workshop.

















List of Participants

Work Shop Name: one day Work Shop on Design and Code a

Drone Date:

02/01/2020 Time: 9.00am to 5.30Pm Venue: R104

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	33	180040499	N. Shiva	

34	180040354	Y. Srinivas
35	180040016	Monika
36	180049010	Jagadeesha
37	180040495	Korra Jagadeesh
38	180040660	K. Mohit Kumar
39	180040656	M. A. Aleem Pasha
40	170040762	V. Sai sanjay

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41	180030507	A. Tejeswara Sai
42	180031240	R. Girija
43	180030123	R. Vivek Raj