



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

S. No	Reg. No ECE	NAME
1	180040627	P.Jaya ram
2	180040687	N.Vikranth
3	180040223	B. Sai manikanta
4	180040394	P.Ankamma rao
5	180040091	B.Suguna sree
6	180040262	S. K. Ruhisha
7	180049007	I.N.D .Rajesh
8	180040684	A.N.K Raja ramesh
9	180040737	K.Sai Sneha
10	180040090	M.Ganesh
11	180040147	I.Venkata sai eshwar
12	180040594	CH.Vikas
13	180040512	M.Prasanna
14	180040295	B. Gowrav
15	180040597	Shekin paul
16	180040247	A. Kiran
17	180040669	Karishma begum
18	180040481	A. Sandeep
19	180040483	T. Rakesh
20	180040094	M.V.S. Deepak
21	180040096	N. Sai Kiran
22	180040681	K. Brahmani
23	180040304	C.H. Vinay
24	180040610	K. V. Bharat kumar
25	180040720	P. Agrasen
26	180040496	N. Nihal
27	180040529	P. Varun
28	180040106	A. Narendra Reddy
29	180040177	B.A.S. Murali
30	180040246	U. Venkateswara reddy
31	180040047	K. Bhargar sai
32	180040547	K. Sathvik
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

CSE

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