



SRHU/HSST/Int./2024-136

Dated: 02nd September 2024

Notice

Dear Students,

We are pleased to announce a three-day workshop on **Drone Technology** designed to equip students with the necessary knowledge and skills to effectively utilize the resources available in the Drone Lab.

Workshop Objectives:


- **Drone Lab Preparedness:** Train students to effectively use the new Drone Lab, ensuring they are well-versed in drone technology and its applications.
- **Skill Enhancement:** Equip participants with practical skills in drone assembly, operation, maintenance, and advanced applications like aerial photography and mapping.

Details of the workshop are as follows:

- **Date:** 3rd -5th September 2024
- **Time:** 09:30 AM to 04:00 PM
- **Venue:** Drone Lab, Himalayan School of Science and Technology

Eligibility Criteria: All Students of Himalayan School of Science and Technology.

Registration Deadline: Interested students must register themselves by **Today evening** to attend. Click on the following link or scan the given QR code for registration:

Google Form Link	QR Code
https://forms.gle/u52VedewpGYUS46E6	

This workshop is a key step in ensuring that our Drone Lab is fully utilized to its potential, benefiting our students. We encourage everyone to participate actively and make this event a success. For any queries or further information, please contact:

- Faculty Coordinator: **Dr. Vibhor Sharma** (8126625142)
- Student Coordinator: **Shubham Gangari, B.Tech CSE , II Year** (9389931276)

We look forward to your participation in this exciting and informative workshop.

Pramod Kumar
02/09/2024
Dr. Pramod Kumar
Principal
Himalayan School of Science & Technology

Principal
Himalayan School of Science & Technology
Swami Rama Himalayan University
Dehradun



स्वामी राम हिमालय विश्वविद्यालय
Swami Rama Himalayan University



Himalayan School of Science & Technology

PRESENTS

THREE DAY
WORKSHOP

ON

DRONE
TECHONOLGY

Unlock the Power of Drone Technology!

SEPT 3-5, 2024



Date: 05/09/2024

Report of Three-Day Workshop on 'Drone Technology'

Three Day Drone Workshop started on 3rd September 2024 with a ceremonial lamp lighting by Experts (Mr. Ashish Mishra (Founder), EXCAIN LLP, Dehradun, Mr. Amit Rai, IIT BHU, Mr. Anant Pandey, IIT BHU, Mr. Sunny Patel, Drone Pilot), Dr. Pramod Kumar, Principal, HSST and faculty members. The details of the workshop are as follows.

Schedule/ Date: 3rd -5th September 2024

Time: 09:30 AM to 04:00 PM

Resource Persons: Mr. Ashish Mishra (Founder), EXCAIN LLP, Dehradun, Mr. Amit Rai, IIT BHU, Mr. Anant Pandey, IIT BHU, Mr. Sunny Patel, Drone Pilot.

Venue: HSST Auditorium and Drone Lab, Himalayan School of Science and Technology

Event Co-ordinators: Dr Vibhor Sharma, Dr. Anupama Mishra, Mr. Gaurav Sharma, Dr. Ashutosh Bhatt, Mr. Sanjay Kumar

No. of Beneficiaries: 112

The first day of the Drone Workshop, held during September 3-5, 2024, at the Drone Lab, Himalayan School of Science and Technology, introduced participants to the fundamentals of drone technology. The workshop is designed to equip students with the necessary skills to effectively utilize the new Drone Lab. The session covered the significance of drone technology across industries, the history and evolution of UAVs, and various types of drones and their applications. Participants gained a detailed understanding of key drone components and engaged in hands-on assembly of basic drones. Safety protocols and relevant aviation regulations were discussed to ensure responsible and legal drone operation. Students were introduced to remote controllers and flight interfaces, practicing basic maneuvers in the lab. The first day established a solid foundation in drone technology, setting the stage for more advanced learning in the upcoming days. On 2nd day of the workshop the students learned GPS and autonomous flight modes, drone programming using platforms like ArduPilot or DJI SDK, optimized drone cameras for academic projects, conducted a hands-on mapping exercise within the campus and the teams planned and simulated real-world drone missions. On 3rd day the students explored drone applications in agriculture, construction, and environmental monitoring. The experts provided insights into real-world challenges. All teams executed their designed drones in final day drone show.



“Dr. Pramod Kumar, Principal, HSST addressing students during workshop inauguration”



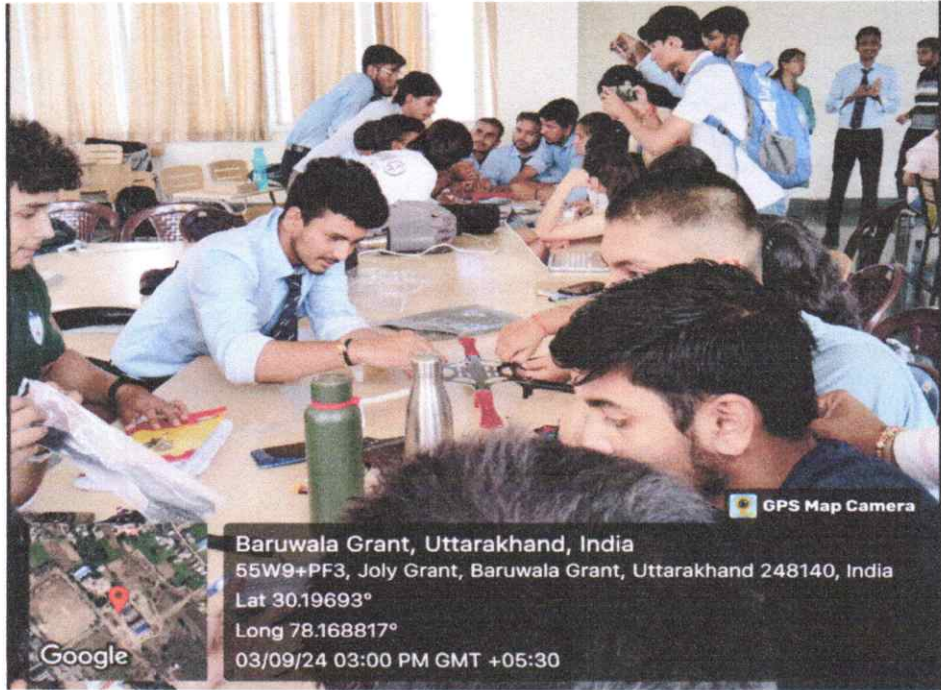
“Trainer showing the Drone functionalities to students”



हिमालयन विज्ञान एवं प्रौद्योगिकी स्कूल
स्वामी राम हिमालयन विश्वविद्यालय की एक शैक्षणिक इकाई



Himalayan School of Science and Technology
A Constituent Academic Unit of Swami Rama Himalayan University



“Students performing hands- on assembly of Drones“



“Students testing drones after during assembly “

VSS

Dr. Vibhor Sharma
Event co-ordinator

Principal
Himalayan School of Science & Technology
Swami Rama Himalayan University
Dehradun

Pramod Kumar
05/09/2024
Dr. Pramod Kumar
Principal, HSST

Swami Rama Himalayan University

Himalayan School of Science and Technology

Workshop on Drone Technology

Attendance Sheet

List of Participants

S.No.	Student Name	Registration Number	Program	Year	Signature		
					03-09-2024	04-09-2024	05-09-2024
1	Tanmay Srivastava	DD241104303030	B.Tech.	I	Tanmay	Tanmay	Tanmay
2	Priyanshu Singh Negi	DD241104307016	B.Tech.	I	Priyanshu	Priyanshu	Priyanshu
3	Aastha Yadav	DD241104308001	B.Tech.	I	Aastha	Aastha	Aastha
4	Payal Saini	DD241104307014	B.Tech.	I	Payal Saini	Payal Saini	Payal Saini
5	Anjum Thapa	DD241104303006	B.Tech.	I	A. Thapa	A. Thapa	A. Thapa
6	Rohit Negi	DD241104303022	B.Tech.	I	Rohit	Rohit	Rohit
7	Suraj Gwari	DD241104303027	B.Tech.	I	Suraj	Suraj	Suraj
8	Kaushiki Kandari	DD241104307011	B.Tech.	I	Kaushiki	Kaushiki	Kaushiki
9	Harshvardhan Singh	DD241104303015	B.Tech.	I	Harshvardhan	Harshvardhan	Harshvardhan
10	Lavish Upadhyay	DD241104308004	B.Tech.	I	Lavish	Lavish	Lavish
11	Nitin Bisht		B.Tech.	I	Nitin	Nitin	Nitin
12	Mridul Dobhal	DD241104309006	B.Tech.	I	Mridul	Mridul	Mridul
13	Amit Kandpal	DD241104303004	B.Tech.	I	Amit	Amit	Amit
14	Shivam Thapliyal	DD241104303023	B.Tech.	I	Shivam	Shivam	Shivam
15	Vasu Dhiman	DD241104308009	B.Tech.	I	Vasu	Vasu	Vasu
16	Dhruv Goyal	DD241104303014	B.Tech.	I	Dhruv	Dhruv	Dhruv
17	Prachi Rautela	DD241104303019	B.Tech.	I	Prachi	Prachi	Prachi
18	Tamanna Rana	DD241104303028	B.Tech.	I	Tamanna	Tamanna	Tamanna
19	Suhani Uniyal	DD241104303025	B.Tech.	I	Suhani	Suhani	Suhani
20	Harshita Anthwal	DD241104307008	B.Tech.	I	Harshita	Harshita	Harshita
21	Priyanshu Dimri	DD241104303020	B.Tech.	I	Priyanshu	Priyanshu	Priyanshu
22	Niharika Dubey	DD241104307012	B.Tech.	I	Niharika	Niharika	Niharika
23	Kartik Silswal	DD241104307010	B.Tech.	I	(A)	(A)	(A)
24	Ashish Gond	DD241104303009	B.Tech.	I	Ashish	Ashish	Ashish
25	Ishank Thapliyal	DD241104307009	B.Tech.	I	(A)	(A)	(A)
26	Abhay Sachan	DD231104307010	B.Tech.	II	(A)	(A)	(A)
27	Shubham Gangari	DD231104303021	B.Tech.	II	Shubham	Shubham	Shubham
28	Pratham Singh	DD231104303012	B.Tech.	II	Pratham	Pratham	Pratham
29	Ayush Saklani	DD231104303026	B.Tech.	II	Ayush	Ayush	Ayush
30	Hipendra Singh	DD231104303019	B.Tech.	II	Hipendra	Hipendra	Hipendra
31	Rishabh Sindhwal	DD231104303002	B.Tech.	II	Rishabh	Rishabh	Rishabh
32	Alka Pal	DD231104303018	B.Tech.	II	(A)	(A)	(A)
33	Raj Nandini	DD231104303004	B.Tech.	II	Raj Nandini	Raj Nandini	Raj Nandini
34	Devpriya Dey	DD231104307011	B.Tech.	II	Devpriya	Devpriya	Devpriya
35	Vedant Nainwal <i>Team-1</i>	DD22111307008	B.Tech.	III	Vedant	Vedant	Vedant
36	Sameer Rajesh Chavan <i>1</i>	DD231204307001	B.Tech.	III	Sameer	Sameer	Sameer

List of Participants

S.No.	Student Name	Registration Number	Program	Year	Signature		
					03-09-2024	04-09-2024	05-09-2024
37	Ayush Saklani 1	DD22111307001	B. Tech.	III			
38	Himani Gusain 1	DD22111308006	B. Tech.	III			
39	Tanisha Jatav 1	DD22111308004	B. Tech.	III			
40	Shivam Purohit 2	DD231204308001	B. Tech.	III			
41	Shishir Tiwari 2	DD22111307005	B. Tech.	III			
42	Shivansh Nautiyal 2	DD22111308003	B. Tech.	III			
43	Prakash Singh Negi 2	DD22111307002	B. Tech.	III			
44	Lokendra Kumar 2	DD231204307002	B. Tech.	III			
45	Yaksh Gaur	DD22111308005	B. Tech.	III			
46	Priyanshu Sharma	DD22111308001	B. Tech.	III			
47	Shivansh Purohit	DD231204307003	B. Tech.	III			
48	Rishabh	DD22111307003	B. Tech.	III			
49	Ankit Singh Negi	DD231204307004	B. Tech.	III			
50	Sanidhya Kuriyal	DD231104303011	B. Tech.	III			
51	Saksham Thapliyal	DD22111307004	B. Tech.	III			
52	Anshul Rawat	DD241104301032	BCA (Sec-A)	I			
53	Anurag Kothiyal	DD241104301035	BCA (Sec-A)	I			
54	Bhaskar	DD241104301067	BCA (Sec-A)	I			
55	Aditya Singh	DD241104301011	BCA (Sec-A)	I			
56	Ashay Kumar	DD241104301044	BCA (Sec-A)	I			
57	Aman Rawat	DD241104301024	BCA (Sec-A)	I			
58	Sanidhya Uniyal	DD241164301166	BCA (Sec-C)	I			
59	Anshita	DD241104301142	BCA (Sec-C)	I			
60	Vansh Tomar	DD241104301206	BCA (Sec-C)	I			
61	Sanyam Kharola	DD241104301168	BCA (Sec-C)	I			
62	Aditya Pyakurel	DD231104301017	BCA (Sec-A)	II			
63	Divyanshu	DD231104301076	BCA (Sec-B)	II			
64	Arpit Kandari	DD231104301090	BCA (Sec-B)	II			
65	Manu Pathak	DD231104301066	BCA (Sec-B)	II			
66	Ayush Silswal	DD231104301087	BCA (Sec-B)	II			
67	Hridayesh Srivastava	DD231104301073	BCA (Sec-B)	II			
68	Anuj Bisht	DD231104301106	BCA (Sec-B)	II			
69	Lokesh Jaggi	DD231104301110	BCA (Sec-B)	II			
70	Vaibhav Uniyal	DD231104301070	BCA (Sec-B)	II			
71	Mayank Manwal	DD231104301062	BCA (Sec-B)	II			
72	Bhuvanshu	DD231104301098	BCA (Sec-B)	II			
73	Abhishek Payal	DD231104301095	BCA (Sec-B)	II			
74	Ashish Kumar	DD22111301012	BCA	III			
75	Karan Goswami	DD22111301076	BCA	III			
76	Shubham Kabsuri	DD22111301083	BCA	III			
77	Abhinay Prajapati	DD231104310008	B.Sc. (H) Data Science	II			

List of Participants

S.No.	Student Name	Registration Number	Program	Year	Signature		
					03-09-2024	04-09-2024	05-09-2024
78	Taranjit Kaur	DD231104310005	B.Sc. (H) Data Science	II	Taranjit K	Taranjit	Taranjit
79	Rachit Jakhmola	DD231104310006	B.Sc. (H) Data Science	II	(A)	(A)	(A)
80	Deepali Aswal	DD231104310003	B.Sc. (H) Data Science	II	Deepali	Deepali	Deepali
81	Himanshu Rana	DD22111310002	B.Sc. (H) Data Science	III	Himanshu	Himanshu	Himanshu
82	Aanchal Singh	DD231104501008	MCA	II	Aanchal	Aanchal	Aanchal
83	Arjun Singh Jirwan	DD231104501001	MCA	II	Arjun	Arjun	Arjun
84	Usha Verma	DD231104501018	MCA	II	(A)	(A)	(A)
85	Anand	DD231104501004	MCA	III	Anand	Anand	(A)
86	Rohit Nauman	DD22111306002	B Tech	III	Rohit	Rohit	(A)

Swami Rama Himalayan University

Himalayan School of Science and Technology

Workshop on Drone Technology

Attendance Sheet

List of Participants

S.No.	Student Name	Registration Number	Program	Year	Signature		
					03-09-2024	04-09-2024	05-09-2024
1	SATYAM PANWAR		BTech CSE AI/ML	1 st	Satyan	Satyan	Satyan
2	RACHIT		BCA	II nd	Rachit	Rachit	Rachit
3	DIVYANSHU	DD231104501076	BCA	II	Divyanshu	Divyanshu	Divyanshu
4	RAHUL	DD231104301038	BCA	II	Rahul	Rahul	Rahul
5	ARYAN RATHA	DD231104301075	BCA	II	Aryan	Aryan	Aryan
6	Rishabh Bisht	DD22111307007	Btech 3 rd Sem	III	Rishabh	Rishabh	(A)
7	Atul Kothari	DD24110450003	MCA 1 st Year	I	Atul	Atul	Atul
8	Shirang Negi		BCA (1 st year)	I	Shirang	(A)	(A)
9	Akshit Bhandari	DD241104301017	BCA	I	Akshit	(A)	(A)
10	Vasavi		BTech (AI & ML)	I	Vasavi	(A)	(A)
11	Adarsh Malgi	DD241104301008	BCA	1 st	Adarsh	(A)	(A)
12	Adarsh Negi	DD241104301009 SRHU/ADN	BCA	1 st	Adarsh	(A)	(A)
13	Shreshth Gaur	NA	B-Tech	1 st	Shreshth	(A)	(A)
14	Payal	"	B-Tech (AI & ML)	1 st	Payal	Payal	Payal
15	Vaibhav	"	B-Tech (CS)	1 st	Vaibhav	Vaibhav	Vaibhav
16	Samvidhi Joshi		BCA 1 st	1 st	Samvidhi	Samvidhi	Samvidhi
17	Mukesh Gupta		BCA	1 st	Mukesh	Mukesh	Mukesh
18	Rohit Gautam	DD22111308002	B.Tech 1 st Year	III rd	Rohit	Rohit	Rohit
19	Shaniya		BCA Sec-C	1 st	Shaniya	Shaniya	Shaniya
20	Sneha Dismri		BCA G	1 st	Sneha	Sneha	Sneha
21	Sanidhya Agrawal		BCA	1st	Sanidhya	Sanidhya	Sanidhya
22	Shashank Chandra		BCA	1st	Shashank	Shashank	Shashank
23	Abhinav Adhikari		BCA	III	Abhinav	Abhinav	Abhinav
24	Rudraksh Megi	DD231104303033	B.Tech 2 nd Year	II	Rudraksh	(A)	(A)
25	Shivam Manwal	DD22111301045	BCA	III	Shivam	Shivam	Shivam
26							
27							
28							
29							
30							

Swami Rama Himalayan University

Himalayan School of Science and Technology

Workshop on Drone Technology

Attendance Sheet

List of Participants

S.No.	Student Name	Registration Number	Program	Year	Signature		
					03-09-2024	04-09-2024	05-09-2024
1	Om bijlwan	231104303029	BTech CSE -	II	OM	(A)	(A)
2	Himanshu Panwar	231104307015	" " AI,ML	II			
3	Vishal Yadav		BTech CSE	II	(A)	(A)	(A)
4	Swabnil	23110430301					
5	Ranveer	231104307018	BTECH CSE AI,ML	II	Ranveer	(A)	(A)
6	Sanidhya Kuriyal	DD231104303011	B Tech CSE AI	II		(A)	(A)
7	Mayit	231104307006	B tech AI,ML	II		(A)	(A)
8	Swabnil	231104303039	B Tech CSE	II		(A)	(A)
9	Reena	DD231104301096	BCA II	II	Reena	(A)	(A)
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							