





A Reflection Report For

Two Day

National Workshop

On

"How To Build Your Own Drone"

March 20,2023 & March 21,2023

Organized By

Department of Computer Science & Engineering

ORGANIZING COMMITTEE

: Dr. M. Sivanandham, Secretary
: Dr. S. Ganesh Vaidyanathan, Principal
: Dr. R. Anitha, Prof & HOD/CS
: Dr. R. Jayabhaduri, Prof/CS Dr. N.M. Balamurugan, Prof/CS Ms. V. Rajalakshmi, Asso Prof/CS Ms .G.R. Khanaghavalle, AP/CS

About College

SVCE is a unit of Sri Venkateswara Educational and Health Trust (SVEHT). Dr. A. C. Muthiah, а renowned engineer, industrialist is the Chairman of the Governing Council of the college. The College supports the learning of the highest order through its quality infrastructure and eminent faculty. It also provides a wide scope for development of personality of students through Associations meant for professional, co-curricular and extracurricular activities.

Chief Patron

Dr.M.Sivanandham Secretary

Patron

Dr.S.Ganesh Vaidyanathan Principal

Convenor

Dr.R.Anitha, HOD/CSE

Coordinators

Dr.R.Javabhaduri, Prof Dr.N.M.Balamurugan, Prof Ms.V.Rajalakshmi, ASP Ms.G.R.Khanaghavalle, AP

About Workshop

National Level Workshop on "How to build your own drone" introduces the learners

- Basics of Electronics and **Circuit Design for Drones**
- Choosing the Right Motors and Propellers for Your Drone
- Integration of Flight **Controller and Radio** Transmitter
- Drone Navigation and **Flight Modes**

Targeted Audience

Second, Third and Final Year UG Students – Open to all branches.

Key Takeaways

To gain knowlegde on

- Drone Technology and its **Components**
- Design and Build the Drone Frame
- Assembly and Testing of the Drone
- **Drone software integration**

and

Aerodynamics **Principles of Flight**



Resource Person Mr.K.Ramsudhan Founder. **CopTer Tech**

Registration Link

https://forms.gle/NuE91k

xh7qsPC1U89

Venue





Semainar Hall, Dr. AC Muthiah Central Library Sri Venkateswara College of Engineering Post Bag No.1 Pennalur Village Chennai - Bengaluru Highways Sriperumbudur (off Chennai) Tk. - 602 117 Tamil Nadu, India



Autonomous-Affiliated to Anna University





Department of Computer Science And Engineering NATIONAL WORKSHOP **ON "HOW TO BUILD YOUR OWN DRONE**" 20/03/2023 to 21/03/2023 Time: 9:00 AM – 15.10 PM



Programme Schedule for National Workshop on

"How To Build Your Own Drone"

March 20 & 21,2023

Venue : Seminar Hall, Dr. A. C. Muthiah Central Library

Date	Timings	Торіс	Resource Person
	09:00 AM – 09:15AM	Inauguration	Dr. R. Anitha,
20/03/2023			Professor & HOD/CS
	09:16 AM – 10:30AM	Introduction to Drone Technology	
	10:31 AM – 10:40 AM	Break	
	10:41 AM – 12:05 PM	Demo Session on Drones	Mr. K. Ramsudhan
	12:06 PM – 12:45 PM	Lunch Break	Founder, Copter Tech
	12:46 AM – 15:10 PM	Designing and Building Drone [Real- time Applications]	
	08:40 AM – 10:10 AM	Introduction to Aerodynamics,	
		Real-world Applications in Drone Design and Future Trends	
	10:11 AM – 10:25 AM	Break	
21/03/2023	10:26 AM – 12:05 PM	Software and Simulation, Machine Learning Techniques to Build Autonomous Drones	Mr. K. Ramsudhan Founder, Copter Tech
21/03/2023	12:06 PM – 12:45 PM	Lunch Break	
	12:46 AM – 14:45 PM	Safety Guidelines and Legal Considerations for Operating Drones, Understanding and Configuring Sensors and GPS for Drones	
	14:46 PM – 15:15 PM	Valedictory	Dr. R. Anitha,
			Professor & HOD/CS

"How to Build Your Own Drone"

Day 1 : March 20,2023

The department of Computer Science and Engineering organized a Two-day National Workshop on "How to Build Your Own Drone" in association with Copter Tech Company Foundation, Chidambaram on March 20,2023 and March 21,2023 at Seminar Hall, Dr. A.C. Muthiah Central Library.

Objective

The objective of this workshop is to introduce the learners about Basics of Electronics and Circuit Design for Drones, Choosing the Right Motors and Propellers for Drone, Integration of Flight Controller and Radio Transmitter, Drone Navigation and Flight Modes and Aerodynamics. The targeted audience for this workshop is Second, Third and Final Year UG students of all branches.

Report

The National workshop started with a prayer song, followed by an inaugural address delivered by Dr. R. Anitha, Prof & HOD/CSE and Convenor on March 20,2023. Dr. R. Anitha introduced the resource person Mr. K. Ramsudhan, Founder, Copter Tech, who is a CS Alumnus of batch 2016-2020. Dr. R. Jayabhaduri, Professor/CSE, Coordinator gave a welcome address.

The resource person Mr. K. Ramsudhan started his first session on "Introduction to drone technology" in which he talked about Multicopters, Drone Milestones and various types of Multicopters namely Single Copter, Dual Copter, Bi-Copter, TriCopter, QuadCopter, HexaCopter and OctoCopter along with its basic electronics components.



Mr. K.Ramsudhan and Mr.P.Sathiya, drone pilot, Copter Tech also exhibited various types of Multicopters for participants to learn about the components of drone and its usage.



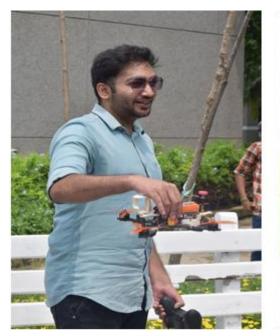
Mr. K.Ramsudhan explained in detail about the role of Frame, Motors, Electronic Control Speed, ESC Protocols, Propellers, Power Distribution Board, Batteries, Connectors, Flight Controllers, Radio Transmitter, Camera and the Landing Gear in drones.



A demo session on flying drones took place in front of Dr. A.C. Muthiah Central Library. Participants used head-mounted displays "VR Goggles" to get an immersive flight experience of drone navigation.













In the afternoon session, Mr. K.Ramsudhan demonstrated how to choose the right motors and propellers to build our own drone considering the forces on flight and different motions of drones.



Participants were trained to control drone using Betaflight which is a flight firmware, for controlling multi-rotor radio controlled aircraft. Out of 78 participants took part in first round competition, 25 qualified for second round in controlling aircraft.



Both sessions were highly interactive and at the end of the day, the participants gained knowledge on drone technology, drone components and software simulation to control aircraft.



Day 2 : March 20,2023

Mr. K. Ramsudhan explained about different motions of drones, getting drone into proper position and aerial filming. He also discussed about the safety guidelines, legal considerations for operating drones and configuring sensors and GPS for drones. In the software simulation event, qualified 25 students participated in the second round, in which only 2 participants were shortlisted for the final round.



Dr. R. Anitha, Convenor, conducted a QA session to assess the knowledge of the participant.



Mr. R.Parvesh, II B.E. Electronics and Communication Engineering student, answered all the questions and won a cash prize of Rs.200/-.



Mr. S. Jebin, II B.Tech, Information Technology, emerged as the winner of the software simulation event and was gifted a smart watch by Mr. K.Ramsudhan.



Dr.R.Anitha honoured the resource persons Mr.K.Ramsudhan and Mr.P.Sathiya with honorarium and a letter of appreciation.





Participation certificates were distributed by the resource person, convener and coordinators.













Participant Details

S.No	Branch	No of participants
1	Artificial Intelligence and Data Science	2
2	Computer Science and Engineering	7
3	Electrical and Electronics Engineering	2
4	Electronics and Communication Engineering	29
5	Information Technology	18
6	Mechanical Engineering	20
	Total	78

The workshop was well received and appreciated by all participants. Feedback was obtained from all participants and the overall feedback was rated as Excellent. Dr. R. Jayabhaduri delivered the valedictory address and vote of thanks for the workshop.

APPENDIX

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A. Workshop Approval Letter

SRI VENKATESWARA COLLEGE OF ENGINEERING, SRIPERUMBUDUR Tk. - 602 117 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Submitted to

The Principal Sri Venkateswara College of Engineering Sriperumbudur Taluk - 602 117

Through

The Head of the Department/CS

Respected Sir,

March 13, 2023 to Dr. N.M. Balamurugan.

ERP. TNO. 3397

Sub : Two days National Level Workshop on "How to Build Your Own Drone" - March 20 & 21, 2023 - Requesting for approval – Regarding

The Department of Computer Science and Engineering has planned to organize a two day National Level Workshop on "How to Build Your Own Drone" during March 20 and 21, 2023. The objective of this workshop is to provide students an exposure towards Drone construction and its operations. Mr. K. Ramsudhan, Founder, Copter Tech and CS Alumnus of batch 2016-2020 along with his team will handle the sessions on both days. Copter Tech is a leading provider in designing drones for educational purpose. The training session covers introductory concepts of drones and goes up to building their own drone for various applications.

The targeted audience for the workshop are second and third year students of Artificial Intelligence and Data Science, Computer Science and Engineering, Mechanical Engineering, Electronics and Communication Engineering and Information Technology. We assure that this workshop will definitely help the participants to gain knowledge on Artificial Intelligence, Drones, Robotics and Internet of Things. We seek your approval for conducting the workshop on the aforementioned date.

We request you to permit us to utilize the Seminar hall located in AC Muthiah Central Library on both days towards the smooth conduct of the workshop. Also, we seek your help to sanction us an amount of Rs.10000/- towards the expenses of the workshop.

Thanking You,

Dr.R.Anitha [Convener]

Forwarded to Principal: Dear SPr, Permission shall be accorded to Conduct the Dr. R. Jayabhaduri woothshop. Dr. N.M.Balamurugan Ms. V. Rajalakshmi HOD-CSE Ms. G.R. Khanaghavalle (Coordinators)

B. Resource Persons' Profile

Mr Ramsudhan Ketharnathan

Mr Ramsudhan Ketharnathan is an alumnus of our college. He has diverse knowledge in Robotics and Multi-copters. He completed his Bachelor of Engineering in Computer Science and Engineering from Sri Venkateswara College Of Engineering in the year 2020. During his school days, he developed his passion for Robotics. He was runner-up in **World Robo Masters Cup** in 2013 where he presented his robot named **Vanquisher**, a military swarm-type bot with 7 minion robots. He was also recognized as a **Notable Student of SVCE** in 2020 for developing a fully functional robot. He has developed a radio-controlled robot named **MARC V2** to service COVID-19 patients. The robot was gifted to **The Medical College of Annamalai University**, Chidambaram to meet the requirements of the Tamilnadu Government medical facility. The same idea was presented in the **Covid Smart ward conference** with Tamilnadu C.M. Edappadi K. Palaniswami.

He owns a startup named **COPTER TECH COMPANY FOUNDATION** to manufacture and produce robots and drones at scale. This company was initialized with the help of Annamalai Innovation and Incubation Research Foundation - EDII, Annamalai University. He has worked on various interesting projects namely, **HUMANOIDVR**, a semi-humanoid robot with 3d-printed robot arms, and **AIR HOCKEY ROBOT** which acts as an opponent in the 1-vs-1 Air Hockey table, **ROOMIE**, a Vacuum Cleaner Robot, **ROOSTER** Drone, an innovation to fly a hovercraft without adding extra thrusters, **SKULL450** is a traditional ArduCopter with GPS and Gimbal with the custom 3D-printed body, **NANOWHOOPSTER V2**, a nano long-range FPV drone. With his company, he has conducted many workshops on "**Drone Technology**" in various reputed institutions.

Mr P Sathiya

Mr P Sathiya has diverse knowledge in Robotics and Multi-copters and is working as a drone piolt in a startup named **COPTER TECH COMPANY FOUNDATION** to manufacture and produce robots and drones at scale. This company was initialized with the help of Annamalai Innovation and Incubation Research Foundation - EDII, Annamalai University. He has worked on various interesting projects namely, **HUMANOIDVR**, a semi-humanoid robot with 3d-printed robot arms, and **AIR HOCKEY ROBOT** which acts as an opponent in the 1-vs-1 Air Hockey table, **ROOMIE**, a Vacuum Cleaner Robot, **ROOSTER** Drone, an innovation to fly a hovercraft without adding extra thrusters, **SKULL450** is a traditional ArduCopter with GPS and Gimbal with the custom 3D-printed body, **NANOWHOOPSTER V2**, a nano long-range FPV drone. With his company, he has conducted many workshops on "**Drone Technology**" in various reputed institutions along with Mr. K. Ramsudhan, Founder, **COPTER TECH COMPANY FOUNDATION.**

C. Participants List



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN ASSOCIATION WITH COPTER TECH

NATIONAL WORKSHOP ON "HOW TO BUILD YOUR OWN DRONES" - MARCH 20 & 21,2023

LIST OF PARTICIPANT REGISTERED FOR THE WORKSHOP

S.No	Name of the student	Year of Study	Degree	Branch
1	Deepika M	Ш	B.Tech	Artificial Intelligence and Data Science
2	Vaishnavi M R	Ш	B.Tech	Artificial Intelligence and Data Science
3	A.S.Rahul	Ш	B.E.	Computer Science Engineering
4	Sweathaa Varthine B	111	B.E.	Computer Science Engineering
5	Bhuvaneswari J	П	B.E.	Computer Science Engineering
6	Akilesh R	П	B.E.	Computer Science Engineering
7	Ajay Narayanan	П	B.E.	Computer Science Engineering
8	Dhev S	П	B.E.	Computer Science Engineering
9	Srinivas Raghul M	П	B.E.	Electrical and Electronics Engineering
10	Santhoshkumar S	11	B.E.	Electrical and Electronics Engineering
11	Naresh S	Ш	B.E.	Electronics and Communication Engineering
12	Ram Solaiappan A	11	B.E.	Electronics and Communication Engineering
13	Parvesh R	П	B.E.	Electronics and Communication Engineering
14	Nandhanan R	П	B.E.	Electronics and Communication Engineering
15	Raaj Kumar S	П	B.E.	Electronics and Communication Engineering
16	Amarnath S	П	B.E.	Electronics and Communication Engineering
17	Tamizharasi Pm	II	B.E.	Electronics and Communication Engineering

18	Giritharan	II	B.E.	Electronics and Communication Engineering
19	Umesh Anandh.S	II	B.E.	Electronics and Communication Engineering
20	N Thibagaran	II	B.E.	Electronics and Communication Engineering
21	Suryaprakash.S	II	B.E.	Electronics and Communication Engineering
22	Tharun K R	II	B.E.	Electronics and Communication Engineering
23	RM Manikandan	II	B.E.	Electronics and Communication Engineering
24	Thulasi Srinivas M	II	B.E.	Electronics and Communication Engineering
25	Rishi A	II	B.E.	Electronics and Communication Engineering
26	Rajeshwaran.R	II	B.E.	Electronics and Communication Engineering
27	Sunil Kumar A	II	B.E.	Electronics and Communication Engineering
28	Yazhini K J	II	B.E.	Electronics and Communication Engineering
29	Rahul.K	II	B.E.	Electronics and Communication Engineering
30	Rudhra Kumar S	II	B.E.	Electronics and Communication Engineering
31	Yazhini S	II	B.E.	Electronics and Communication Engineering
32	SriSandhiya R	II	B.E.	Electronics and Communication Engineering
33	Sridevi R	II	B.E.	Electronics and Communication Engineering
34	Sridharan M	II	B.E.	Electronics and Communication Engineering
35	Surya B	II	B.E.	Electronics and Communication Engineering
36	Shashank K S	II	B.E.	Electronics and Communication Engineering
37	Jayanthan M	111	B.E.	Electronics and Communication Engineering
38	Kishore R	111	B.E.	Electronics and Communication Engineering
39	Ashwin. R	II	B.Tech	Information Technology
40	Dharshan.D	II	B.Tech	Information Technology
41	Ajay R	II	B.Tech	Information Technology
42	A. Derin Joseph Austin	II	B.Tech	Information Technology
43	Dileep Kumar J	П	B.Tech	Information Technology

44	Jaswant R	11	B.Tech	Information Technology
45	Jayanth Kl		B.Tech	Information Technology
46	S.Vasanthakumar	ll	B.Tech	Information Technology
47	Bharath S	111	B.Tech	Information Technology
48	G.T.Lohith	П	B.Tech	Information Technology
49	S Jebin	II	B.Tech	Information Technology
50	Ganapathi S R	II	B.Tech	Information Technology
51	Naresh Raj P	II	B.Tech	Information Technology
52	Nithishwar G	II	B.Tech	Information Technology
53	Hari Balan J	II	B.E.	Mechanical Engineering
54	S.Shameer Mohamed	Ш	B.E.	Mechanical Engineering
55	S Hari Prasad	II	B.E.	Mechanical Engineering
56	Gowshick Sugin I M	II	B.E.	Mechanical Engineering
57	A.Krithik Raj	11	B.E.	Mechanical Engineering
58	Surya S J	II	B.E.	Mechanical Engineering
59	Parthaasarathy B	Ш	B.E.	Mechanical Engineering
60	Ram Prasath. J	П	B.E.	Mechanical Engineering
61	S. Devaraj	II	B.E.	Mechanical Engineering
62	Lakshmanan K	II	B.E.	Mechanical Engineering
63	Madhava Rajan	II	B.E.	Mechanical Engineering
64	Ahamed Mohideen Maluk	II	B.E.	Mechanical Engineering
65	Anushayanth A	111	B.E.	Mechanical Engineering
66	Logaranjan.G	II	B.E.	Mechanical Engineering
67	Aravindan D	Ш	B.E.	Mechanical Engineering
68	Hari Gowtham R	111	B.E.	Mechanical Engineering
69	Nishanth K	II	B.E.	Mechanical Engineering

70	Akhshai C	П	B.E.	Mechanical Engineering
71	Charan S B	П	B.E.	Mechanical Engineering
72	Gokul P	Ш	B.E.	Mechanical Engineering
73	Sanjay Karthick M	111	BE	COMPUTER SCIENCE ENGINEERINDA
	GTOBINATHAN B	111	Bricch	INPORMATIONAL TECANOLOGY
75.	K JAIGUGANESH Workshop Coordinator	nt	BTECH	INFORMATION TECHNOLOGY HOD/CS
76.	V-CHANDRASEKAR	111	BTECH	IN FOR MATION TECHNOLOGY
	S. ADVAITH RAMAN A	111	Brech	INFORMATION TECHNOLOGY
78.	5. TARUN KUMAR	Ĩ	BE.	ELECTRONICS AND COMMUNICATION ENGG

ROPHAI 103 2023 WORKSHOP COORDINATOR DI. R. JAYABHADURI

Marbas HOD/CS Dr. R. ANITHA

D. Attendance Sheet



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Sri Venkateswara College of Engineering

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IN ASSOCIATION WITH

COPTER TECH

NATIONAL WORKSHOP ON "HOW TO BUID DRONES" - MARCH 20 & 21,2023 ATTENDANCE SHEET

S.No	Name of the student	Year of Study	Degree	Branch	20/03/2023 (FN)	20/03/2023-(AN)	21/03/2023 (FN)	21/03/2023 (AND
1	Deepika M	111	B.Tech	Artificial Intelligence and Data Science	mapiles	Nupited	meetica	21/03/2023 (AN)
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5	Bhuvaneswari J		B.E.	Computer Science Engineering	Bhuvanosuani	Bhuvaresion;	Burdenesuor	Phenonerua
6	Akilesh R	11	B.E.	Computer Science Engineering	Ref	the	Pel	R BI
7	Ajay Narayanan	11	B.E.	Computer Science Engineering	Kult	K. Jj	K.A.	K. Auf
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9	Srinivas Raghul M	Ш	B.E.	Electrical and Electronics Engineering	Sumasingful	singht	Sight	sight
10	Santhoshkumar S	Ш	B.E.	Electrical and Electronics Engineering	+ trepu	h. tajohi	their the	N. 4199

S.No	Name of the student	Year of Study	Degree	Branch	20/03/2023 (FN)	20103/2023 (AN)	21/03/2023 (FN)	21/03/2023 (AN)
11	Naresh S	111	B.E.	Electronics and Communication Engineering	B. Nach	V. Nash	Aparl	O'Alack
12	Ram Solaiappan A	11	B.E.	Electronics and Communication Engineering	Arkamsolaidthon	A-Ramsolaidhan	A-Ramsdaloppen	A-Ramsolaioppo
13	Parvesh R	11	B.E.	Electronics and Communication Engineering		R-Paseries V		Riberuesh
14	Nandhanan R	П	B.E.	Electronics and Communication Engineering	Nandhanan . P	Nandhanan .R	Nondhanon.R	Nordharan.R
15	Raaj Kumar S	11	B.E.	Electronics and Communication Engineering	815CR	EFER	BULR	& ALR
16	Amarnath S	Ш	B.E.	Electronics and Communication Engineering	S.Amarnath	S. Amorrath	S. Amamath	S. Amamath -
17	Tamizharasi Pm	11	B.E.	Electronics and Communication Engineering	Kannie P.M	Samicharm	Jamielarit	Jamiel
18	Giritharan	11	B.E.	Electronics and Communication Engineering	BORT	Barr	3.Quls	1 198
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	Rajeshwaran.R Sunil Kumar A		B.E.	Electronics and Communication Engineering	Stin	2 Sula	ste	Safe
27	Yazhini K J		B.E.	Electronics and Communication Engineering	*#41	Affashi	Kuph	- 200

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29	Rahul.K	П	B.E.	Electronics and Communication Engineering	Robult	fold !!	Rohulik	Populite
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34	Sridharan M	11	B.E.	Electronics and Communication Engineering	MSealaar	M Sistan	Midhaa	M.S.Edhaw
35	Surva B	11	B.E.	Electronics and Communication Engineering	B. Senna.	3. Jean	B. Sugn	J. Sum
36	Shashank K S	11	B.E.	Electronics and Communication Engineering	Thanky	Shanky	(Thankey)	Ihanky
37	Jayanthan M		B.E.	Electronics and Communication Engineering	mysought	about	- Marting	- Altogat
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39	Ashwin. R	II	B.Tech	Information Technology	R.Ashuss	RAShin	R. Achust	Reduct
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41	Ajay R	П	B.Tech	Information Technology	Anger	Maryok	Abus DO	NOUTO
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45	Jayanth Kl	Ш	B.Tech	Information Technology	Hayath	defaya	forute	1 2 port
46	S.Vasanthakumar	Ш	B.Tech	Information Technology	S vasanthah	S.V.	Seventhe	Suff

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47	Bharath S	Ш	B.Tech	Information Technology	S.H. h.	J.El	L'RL	Bout
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49	S Jebin	11	B.Tech	Information Technology	S:Telff	83. Laff	8-telde	filmt
50	Ganapathi S R	11	B.Tech	Information Technology	ganafath	ganafate	ganafatti	Ganapathi
51	Naresh Raj P	П	B.Tech	Information Technology	R	A	(No 1	N
52	Nithishwar G	11	B.Tech	Information Technology	Nithighwod	Nithidwo)	without	Niquiseron
53	Hari Balan J	II	B.E.	Mechanical Engineering	that	And	Andb	the
54	S.Shameer Mohamed		B.E.	Mechanical Engineering	aples	AST-	85	China
55	S Hari Prasad	П	B.E.	Mechanical Engineering	XXX	AA	15th	EX46
56	Gowshick Sugin I M	П	B.E.	Mechanical Engineering	Altila	Cill-	Spelle	- Aleria
57	A.Krithik Raj	11	B.E.	Mechanical Engineering	4/164	All	V-184	78/2
58	Surya S J	11	B.E.	Mechanical Engineering	Surgasi	Surmast	Sunge SJ	myass
59	Parthaasarathy B	111	B.E.	Mechanical Engineering	Bathaa Saraty - 2	Borhadarathy.	BABZ	Po-
60	Ram Prasath. J	11	B.E.	Mechanical Engineering	Ram Prasath	s and	Ely 1	A.
61	S. Devaraj	11	B.E.	Mechanical Engineering	Boej	0.0e j	B.D.	B.DC-j
62	Lakshmanan K	11	B.E.	Mechanical Engineering	v-luburanaj:	- K. lflyhiagy.	K - Glymour	K. Huhybuouray.
63	Madhava Rajan	11	B.E.	Mechanical Engineering	J. Modkey -	J. Madkey-	J. nadhaj-	J. puelky-
64	Ahamed Mohideen Maluk	н	B.E.	Mechanical Engineering	for the	the	Ale	Als.

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S.No	Name of the student	Year of Study	Degree	Branch	20/03/2023 (FN)	20/03/2023 (AN)	21/03/2023 (FN)	21/03/2023 (AN)
65	Anusheyanth A	Ш	B.E.	Mechanical Engineering	Ambyanth	toly 1	Sunly	thebyatt
66	Logaranjan.G	11	B.E.	Mechanical Engineering	lyly=	gir=	yhr=	gt-
67	Aravindan D	Ш	B.E.	Mechanical Engineering	Asraindo:B	Argentales	Aranjalon B	Anavinda. B
68	Hari Gowtham R	111	B.E.	Mechanical Engineering	8at a	Bater	A CONTRACTOR	8 forther
69	Nishanth K	11	B.E.	Mechanical Engineering	Nikky	Nikky	Nikhu	Niter
70	Akhshai C	11	B.E.	Mechanical Engineering	Alter	An	prov	ALAS
71	Charan S B	U	B.E.	Mechanical Engineering	5.B. Cl	5.B.C.	6.B. Ch_	5.B.U_
72	Gokul P	11	B.E.	Mechanical Engineering	P Gehul.	PG=hul.	P.G. Shund.	. P. Golent.
73	TPRUN TRUMPR .5	11	B.E	ELECTICONSICS AND CONNUNSION	1401		S. Tam (kuma)	'S. Torus Kuster
14	HOVAITH RAMANA S III A			ENGINEERSNA. INFORMATION TECHNOLOGY			HOD/CS	S. Adregithan
75	SANJAY KARTHICK	.M 111	B.E.	COMPUTER SCIENCE & ENGG.			1 Latig	N 1 4
76	GOBINATHAN B	TI	B.Tech	INFORMATION TECHNOLOGY			Bicht	prover
77	K. JAIGUGANESH	u Tu	B. Tech	INFORMATION TECHNOLOGY			K. Jij ynh	k Jaggyre Vichandre
78	V. CHANDRASEKA	R III	B.Tech	INFORMATION TECHNO	12067		V. chandrared	las Victuation a

Massas. Hodics

R Daphhadmi 21 03 2023 Workshop Coordinator

E. Expenditure Bills

National Workshop on "H	no to Build Your
Oven Drone"- March	
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Cepartment CSE Head of Account Honorarium Name of Payee Mr. K. Ramundhan Address Founder, Copter Tech	Rupees JWO MOUNCIN
Details Honorarium towards National Workshop on "How to build your own drone" during 2013123 2 21/3/23 Mag 3/23	Aam 21/3/23 RECEIVED PAYMENT
Accountant Accounts Officer	Cashier Principal

R Lopput 23/03/2023. Workshop Coordinator Q. R. JAYABHADURI

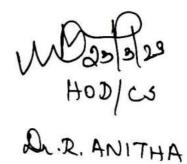
323. HOD/CS Dr. R. ANITHA

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Workshop Coordinator D.R. JAYABHADURI

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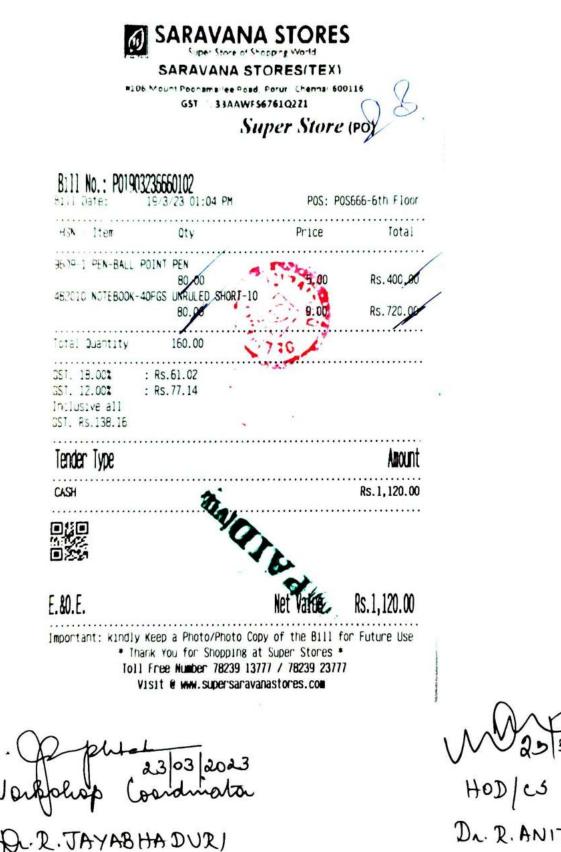
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RAR Ph1 23 03 2023 WORKSHOP COORDINATOR Dr. R. JAYABHADUR)

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Dr.R.ANITHA CONVENOR





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Dr. R. ANITHA

PRINTING

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A) SIVA DIGITAL PRINTS - BANNER

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K Kopphi 23/03/2023 Workshop Coerdinator Dr. R. JAYABHADUR)

HOD/CS PL.R.ANITHA

3) PRINTING

B) STAR XEROXS

STAR XEROXS

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Qn. R. JAYABHADURI

23 HOD/CS

Dr.R. ANITHA

4) FOOD AND REFRESHMENT

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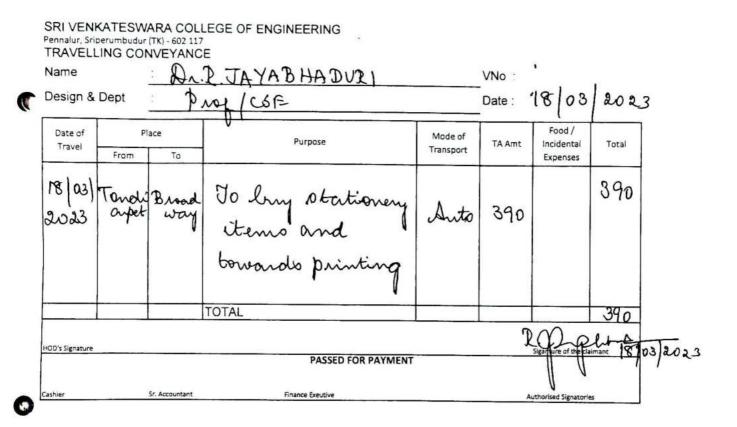
Signature

R pp 23/03/2023 WORKSHOP COORDINATOR d. R. JAYABHADURI

HOD/CS Dr. P. ANITHA

5. CONVEYANCE

A) Auto Fare for Stationery & Printing Tondiarpet (-> Broadway



A3 03 2023 JORKKHOP COORDINATOR Dr.R. JAYABHADUR)

HOD/CS Dr.R. ANITHA

5) CONVEYANCE Fuel Allowance for car - Resource Person 0 NINE OLO Bharat etroleum Bharat Petroleum 1.P.R.S FULLS BPCI DEALER T.P.R.S FUELS BPCL DEALER CHINNAL BANGALORE HIGHWAYS IRUNGALLUKOLTA: CHENNAI-BANGALORE HIGHWAYS N. Set Nat 13643 ORGNI Het Physical Receipt IRUNGATTUKOTTAI ----INV NO. : Mar-13643-ORGNI ·: 1N02851677 RECEIPT: Physical Receipt :NotEntered VEH NO. : TN02BS1677 :21 03 2023 UNIL TIME MOB.No :NotEntered :15:24:38 NZ NO. :1 DATE :21/03/2023 :15:24:38 PRODUCT: DIESEL TIME :R5.94.53 NZ NO. :1 RATE PRODUCT: DIESEL AMOUNT : RS. 1000.00 VOLUME : 10.58L :Rs.94.53 RATE 1 AMOUNT :Rs. 1000.00 VOLUME :10.58L CHENNAL 602 117 CELL - 9841095617 CHENNAI-602 117 GST - 33BC JPS1551C1CZW CELL-9841095617 GST-33BCJPS1551C1CZW

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23/03/2023 oordinater Dr. R. Jarphbadun

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HOD/W

Qu.R.ANITHA

National Workshop on "How to Build Your Onen Drone" - March 20 221, 2023 GIFT VOUCHER - Mr. R. PAQVESH, IL B.E. ECE VL for winning in Quix SRI VENKATESWARA COLLEGE OF ENGINEERING Pennalur, Sriperumbudur Tk. - 602 117 PAYMENT VOUCHER Department CCE Rs. 200 Rupees Two hundred Head of Account Gift Vouches Name of Payee Mr. R. Pas verh Only Address I BE ECE, SYLE formant 21/3/23 Details RECEIVED PAYME Gift Voucher towards National workinop on " How to build your 20/3/23 8 own drone " duying 3 PAYEE'S SIGNATURE 213/23 Principal Cashier Accounts Officer Accountant R. Pphilips 23/03/2023 Workshop Coordine D. R. ANITHA D. P. JAYABHADURI

F. Feedback from the Resource

Person



SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT	:	CSE
Name of the Speaker	:	Mr.K.Ramsudhan
Designation	:	Founder
Institution/University/Organisati	ion :	Copter Tech
Mobile / E-mail	:	ramkethar@gmail.com
Title of the Lecture	:	National Workshop on "How to build your own drone"
Date	:	20/03/2023 & 21/03/2023
Time	:	09:00 AM to 03.15 PM
Venue	:	Seminar Hall, Dr. AC Muthiah Central Library, SVCE
Comments by the Speaker	:	
It' was a workstop in S ar honour teau who were very	Plea VCE chin	esure for me Organizing =. As an Alumini It was of our fellow Swelents nuch Therested.
Suggestions for improvement		MORE TIME
Signature of the Speaker	: 0	Rom/ M213/333
Signature of Coordinator		Signature of HOD



SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARIMENT	CSE
Name of the Speaker	Mr. P. Sathiya
Designation	: Drone Pflot
Institution/University/Organisatio	m: Copter Tech
Mobile / E-mail	: 99 430 89615
Title of the Lecture	National workshop on Haw to build your own drone"
Date	: 20/03/2023 & 21/03/2023
Time	: 9:00 Am to 3:15 AM
Venue Comments by the Speaker	: Seminar Hall, Dr. A.C. Muthich Central Lebrary. SVCE : It was a great inattraction
with the my experi for this	It was a great Auttraction Students of SVCE to Share Ence on Drone Pilot. Thanks Opportunity.
Suggestions for improvement	: Permit More Studentz.
Signature of the Speaker	: Burg.
Signature of Coordinator	Mai 3/3/23 Signature of HOD

G. Feedback from the Participant



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN ASSOCIATION WITH

Sri Venkateswara College of Engineering nomenry - Attituted to Anna Unice dy appenintmedia. Tarat Nacto 1 www.science.m

COPTER TECH

NATIONAL WORKSHOP ON "HOW TO BUILD YOUR OWN DRONES" - MARCH 20 & 21,2023

PARTICIPANTS EVALUATION FORM

Your feedback is our major source of information for evaluating the strengths and weaknesses of the programme and thereby improving/modifying/strengthening future courses of similar nature. So kindly take a little time and fill in this form carefully.

Ģ			Excellent	Very Good	Good	Satisfactory
	1.	The content was as described in publicity materials	Ø			
	2.	The program was well paced within the allotted time	Ľ			
	3.	The instructor was a good communicator	Ø			
	4.	The instructor was knowledgeable on the topics	5	D		Ο.
	5.	, The material was presented in an organized manner	a			
3	6.	Facilities				
		a. Visuals	L			
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		c. Meeting space	JAN 1			
		d. Handouts	V			
3				-		

7. In your opinion, was this programme:

a. Introductory b. Intermediate L. Advanced

onsciousness for Quality

R. Ashwin Name of the Participant Year of Study Information Technolog Name of the Department : Signature with date :