भारतीय गैर न्यायिक

एक सौ रुपये

रु. 100

Rs. 100

ONE
HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA
INDIA NON JUDICIAL

தமிழ்நாடு தமிलनाडु TAMILNADU

1 8 OCT 2024

Zuppa Geo Navigation Technologies pvt Ltd

MEMORANDUM OF UNDERSTANDING

This MEMORANDUM OF UNDERSTANDING is made on 18th October 2024 by and between:

ZUPPA Geo Navigation Technologies Pvt Ltd , a Company registered under the Companies Act 2013, having its corporate office located at Flat 3A Ramaniyam Shubham, T 45 A and B 7th Avenue, Besant Nagar, Chennai, Tamil Nadu - 600090, OF THE FIRST PART (Hereinafter referred to as **"ZUPPA "**)

AND

Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (SCSVMV), Enathur, Kanchipuram – 631561, Tamil Nadu, India OF THE SECOND PART (Hereinafter referred to as **" SCSVMV "**)

With a mutual desire to enter into a MEMORANDUM OF UNDERSTANDING whereby ZUPPA shall work with SCSVMV, to establish a Innovation Lab for Drones within SCSVMV's premises for the purpose of enhancing the knowledge of Students and Faculties in the space of Drone Technology.

The expressions **ZUPPA and SCSVMV** shall, wherever the context admits, mean and include their respective associate(s), survivor, executors, administrators, and successors in interest and permitted assigns.

Hereinafter both the parts are individually referred to as **"Party"** and collectively referred to as **"Parties"** as the context so admits.

WHEREAS

- ZUPPA is a company involved in the design and development of electronic control and communication products for unmanned systems more specifically Drones

- ZUPPA has developed and is manufacturing the only Indian drone Ajeet Mini that is direct replacement of the world famous DJI drone both on technical and commercial terms & has a proprietary Architecture based NavGati AutoPilot.

AND WHEREAS

- SCSVMVis a leadingdeemed university in the district of Kanchipuram in Tamil Nadu.

- SCSVMV is desirous of setting up an Innovation Lab for Drones within its premises

ZUPPA and SCSVMVare now desirous of collaborating by leveraging their respective skill areas for the purpose of fulfilment of the objectives as stated under this Memorandum of Understanding.

Now this MEMORANDUM OF UNDERSTANDING WITNESSTH that the PARTIES hereto with the view to implement the above have entered into the same on the terms and conditions hereinafter mentioned:

1. Scope of Work:
SCSVMV and ZUPPA are entering into this MOU with the keen intent to partner with each other to implement an Innovation Lab for Drones within the premises of SCSVMV and integrate the Drone Lab content within the Engineering Curriculum of the university to familiarise &empower students of SCSVMVwith employable competencies.The details of this scope is provided in the Annexures A-C & E.

2. Validity:
This MEMORANDUM OF UNDERSTANDING shall be valid for a period of 4 years and shall be subject to further renewal of 4year blocks, through mutual discussion and consent of both the parties concerned.

3. Consideration:
Under this MOU commercial considerations (As per Annexure D) shall be decided between both parties for the sale of products and services by ZUPPA to SCSVMV. Both parties shall cover all transactions by way of suitable documentation either by way of purchase/ work orders and agreements.

4. Confidentiality: .
In the course of fulfilling the mutual responsibilities under this MEMORANDUM OF UNDERSTANDING, there will be sharing of information of confidential nature. Both parties hereby agree to maintain such information relating to methodology, trade secrets, ideas, products, services, processes, techniques, designs, drawings, prototypes and other proprietary information in strict confidence and not to divulge these to any third party without the express consent of the other party or use the same on their own outside the scope of this MEMORANDUM OF UNDERSTANDING.

Information of such nature as stated above shall not be used by the PARTIES on their own independent of each other and outside the scope of this MEMORANDUM OF UNDERSTANDING for a period of five years after the termination or expiry of this MEMORANDUM OF UNDERSTANDING.

5. Non-circumvention and Non solicitation:

During the term of this Memorandum of Understanding, each party agrees not to hire, solicit nor attempt to solicit for itself or any third party, either directly or indirectly, the services of any

director, officer, employee or subcontractor of the other Party, its parent or affiliate companies, without the prior written consent of the other Party.

6. Intellectual Property:

Intellectual property rights, titles or ownership of any products, proprietary information or technology will not be transferred by the Parties to any third parties, on account of use of the same as part of any work under this MEMORANDUM OF UNDERSTANDING and shall always remain with the original owner of the same.

The PARTIES shall ensure that the Intellectual property shared amongst themselves during the course of fulfilling the objectives as stated under this MEMORANDUM OF UNDERSTANDING are not infringed in any manner.

Neither party shall be entitled to use either party's trademark / logo without the prior written approval of the other party.

All Intellectual properties used in the products or projects covered under this MOU owned by either parties prior to the execution of this memorandum of understanding shall continue to be owned by the respective parties .

Each Party agrees:

(i)   To maintain the other party's confidential information in strict confidence;
(ii)   Not to disclose such confidential information to any third parties;
(iii)   Not to use any such Confidential Information for any purpose except for the business purpose as prescribed in this MEMORANDUM OF UNDERSTANDING;
(iv)   Confidential information shall include but not limited to any pricing information; Technical information; sales volumes statistics; marketing and promotion plans; distribution plans; market analysis models; training modules; post sales and other support services information and any other information related to either PARTIES products or services;
(v)   All confidential information remains the sole and exclusive property of the disclosing party. Each party acknowledges and agrees that nothing in this MEMORANDUM OF UNDERSTANDING will be construed as granting any rights to the receiving party; by license or otherwise; in or to any Confidential Information of the disclosing party; or any patent; copyright or other intellectual property or proprietary rights of the disclosing party; except as specified in this MEMORANDUM OF UNDERSTANDING.

7. Notices:
All notices and communications concerning this MEMORANDUM OF UNDERSTANDING shall be sent to the respective addresses as mentioned below:

For ZUPPA Geo Navigation Technologies	For SCSVMV
Name: Sivakumar Natarajan Designation: Chief Operating Officer Address: 4th Floor West Wing, Polyhose Towers, No. 86 Mount Road , Guindy , Chennai 600032. Email: sivakumar@zuppa.io	Name: Dr. G. Sriram Designation: Registrar i/ ᴄ Address: Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (SCSVMV), Enathur, Kanchipuram – 631561, India. Email: registrar@kanchiuniv.ac.in

Written Notice period of 30 days shall be considered sufficient notice under the provisions of this MEMORANDUM OF UNDERSTANDING.

8. TERMINATION OF AGREEMENT

a) This agreement may be terminated:
   i. By Either Party on giving 30 Day's Notice to the other Party in Writing.
   ii. Immediately by Zuppa if SCSVMV fails to pay any sum due under this agreement within 30 days of its due date;
   iii. Immediately by either party if the other commits any material breach of any term of this agreement and which has not been remedied within 30 days of a written request to remedy the same; and
   iv. Immediately by either party if the other party takes steps for the voluntary winding up or enters into any arrangement with its creditors or if an official liquidator is appointed in respect of all or any part of the business or assets of the other party or other steps are taken for the winding up of the other party.

b) Any termination of this agreement pursuant to this clause shall be without prejudice to any other rights or remedies a party may be entitled to under this agreement or under law.

c) Termination of this MOU under this clause shall not affect any prior obligations on behalf of both the parties, with respect to work already in process. The parties shall amicably work together to discharge their obligations before termination

9.Assignment:
Neither party shall assign any or all their rights and obligations under this MEMORANDUM OF UNDERSTANDING without the prior written consent of the other.

10. Amendments:
Any amendments to this MEMORANDUM OF UNDERSTANDING shall be in writing and signed by both the parties.

11. Maintenance of Records:
Both the Parties agree to maintain records pertaining to related activities and services performed by each party under this MEMORANDUM OF UNDERSTANDING for a period of three years after the termination of this MEMORANDUM OF UNDERSTANDING.

12. Commitments:
Neither party shall make any commitment of a binding nature with a third party on behalf of the other party unless obtaining a written consent from the other party to do so.

13. Jurisdiction:
The Courts of Chennai shall have jurisdiction for the purpose of this MEMORANDUM OF UNDERSTANDING and its performance.

14.Indemnification:
The Parties agree to defend, indemnify and hold harmless each other including assignees from and against any and all liabilities, claims, actions, damages, costs, expenses and losses which may occur or result out of, directly or indirectly in whole or part from the negligence or wilful misconduct of the other party.

15. Force Majeure:
Neither ZUPPA nor SCSVMV shall be liable for non- performance of any or all their obligations under this MEMORANDUM OF UNDERSTANDING due to reasons of "Force Majeure" and /or reasons beyond their reasonable control provided on the occurrence and cessation of any such event the Party affected thereby shall give a notice in writing to the other Party within 30 (thirty) days of such occurrence or cessation. If Force Majeure conditions continue beyond 3 (Three) months the Parties shall jointly decide about the future course of action.

16. Severability: If any provision of this MEMORANDUM OF UNDERSTANDING is held to be ineffective, unenforceable or illegal for any reason, such decision shall not affect the validity or enforceability of any or all of the remaining portions thereof.

17.Waiver: No failure or delay on the part of either party in the exercise of any right or privilege hereunder shall operate as a waiver thereof or of the exercise of any other right or privilege hereunder, nor shall any single or partial exercise of any such right or privilege preclude other or further exercise thereof of any other right or privilege.

IN WITNESS WHEREOF THE PARTIES HEREIN HAVE HEREUNTO SET THEIR RESPECTIVE HANDS AND SEAL, THE DAY, MONTH AND YEAR FIRST HEREIN ABOVE MENTIONED.

Signed for and on behalf of:

For ZUPPA GEO NAVIGATION TECHNOLOGIES PVT.LTD

Director

ZUPPA Geo Navigation Technologies Pvt Ltd
Corporate Identification Number (CIN): U51420TN2005PTC057286
Venkatesh Sai
Founder & Technical Director
DIN No: 06771969

Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (SCSVMV)
Dr. G. Sriram
Registrar

REGISTRAR I/c
S.C.S.V.M.V.
ENATHUR, KANCHIPURAM

ANNEXURE DETAILS:

A. Two Pages of details of the content offered as part of the Innovation Lab. It has the following details
   a. Section, Modules & Chapters
   b. Number of Hours for Theory & Practical
   c. Department to which the Section/Module/Chapter is applicable
   d. Year & Semester in which the same can be included in the existing SCSVMV Curriculum
   Note: Points c & d has been done during joint discussion with the SCSVMV team.

B. Accompanying Hardware & Tools for Innovation Lab, that would be provided by ZUPPA.

C. Other Deliverables from Zuppa

D. Commercial Proposal

E. Instruments & Infrastructure that needs to be provided by SCSVMV for setting up the Innovation

Section	Total Hours	Theory	Practical	Module	Chapters	Department	Year	Semester
Drone Flying	25.0	2.5	22.5	Pre-Flight Check	Propeller Fitment	All	1	1 & 2 (As part of Idea Lab)
					Compass Calibration			
					Accelerometer Calibration			
					GCS Reception Check			
					Altitude Meter Check			
				GCS Operation	Working of Windows GCS			
					Working of Android GCS			
				RC Input Commands	Roll Command			
					Pitch Command			
					Yaw Command			
					Throttle Command			
				Safety Features	Auto Disarm - Calibration			
					Angle Disarm			
					Auto Disarm - Propeller			
					Return-to-Home on No Signal			
					Return-to-Home on Low Battery			
				Post-Flight Check	Drone Visual Check			
					Battery Test			
Drone Operation	25.0	22.5	2.5	Drone Theory	What is a UAV/Drone?	All	2	3
					How Drone Works?			
					RC Module & Its Working			
					ESC & its working			
					Magnetometer & its working			
					Accelerometer & its working			
					GPS & its working			
				Operation of Sensors & RC	Sensor Types	EEE ECE E&I Mechatronics	2	4
					RC Bandwidth			
					S-Bus Communication			
					PWM/PPM Communication			
				Drone Flying Setup	Battery Installation	All	2	3
					Propeller Fitment			
					Payload Setup			
				Calibration Steps	GPS Reception	EEE ECE E&I Mechatronics	3	5
					Compass Calibration			
					PID Tuning			
					Accelerometer Calibration			
				Battery Operations	Battery Handling & Charging	All	2	3
					Battery Storage			
Technician	40.0	8.0	32.0	Trouble Shooting	Types of Fault	All	2	3 & 4
					Testing using GCS			
					External Connection Testing			
				Debugging	Level 1 - Data Acknowledgement Test			
					Level 2 - Hardware Visual Test			
					Level 3 - Hardware Functional Test			
				Dismantling Techniques	Steps of Dismantling			
					Tools Handling Techniques			
					Testing using Multimeter			
				RCA & Repairing	Where did the fault occur?			
					Why did the fault occur?			
					Fault prevention techniques			
					Replacing Components			
					Testing the replaced components			
				Reporting	Generating Test Report			
				Re-Assembly & Testing	Re-Assembly of Drone			
					Final QC & Flying Test			
Manufacturing & Testing	60.0	18.0	42.0	Production	5S	All	2	3 & 4
					SOP Management			
					Time Management			
				Sub-Assembly	Incoming QC			
					Component Handling			
					Soldering Technique			
					Wire Harness Handling			
				Main-Assembly Stage 1	Frame Assembly			
					ESC & Motor Assembly			
					ESC & Motor Calibration			
					LED set Assembly			
					Power Module & UBEC Assembly			
					Altitude Sensor Assemby			
					Inline QC			
				Main Assembly Stage 2	Autopilot Connection			
					GPS & Compass Connection			
					RC & Telemetry Integration			
					Closing TOP, Bottom Canopy & Landing Gear			
				Payload Integration	Camera Integration			
					Optional Payload Integration			
				Final QC	Accelerometer Testing			
					GPS & Compass Deflection Testing			
					Altitude Meter Test			
					Battery Power Check			
					Flying Test - Indoor & Outdoor			

Section	Total Hours	Theory	Practical	Module	Chapters	Department	Year	Semester
Design	30.0	12.0	18.0	Airframe Design	General Drone Design Rules Flight Dynamics Environmental considerations Flight envelope estimation Control system considerations	Mechanical	3	6
	15.0	3.0	12.0	Power System Design	General Power Design Rules EMI / EMF Considerations Environmental considerations Airflow (Thrust) Analysis Thermal Analysis	EEE ECE E&I Mechatronics	3	6
	45.0	18.0	27.0	Flight Control Design	General Control Kinematics Component Placement Flight Dynamic Model (FDM) & Flight Control Laws (FCL) PID Control Model Autonomous Mission Model	EEE ECE E&I Mechatronics	3	6
	12.0	1.2	10.8	Payload Section	Objective Based SOR Analysis Payload Placement Rules Data Capture Methodology Payload Control System Parameters & Settings (SW, FOV)	All	2	4
	15.0	6.0	9.0	Communication System Design	RF SOR Rules Component Placements Spurious Interference VSWR & SWR Considerations RF Modulations & Signatures Basic RF Design & Working	EEE ECE E&I Mechatronics	3	6
Electronics	20.0	16.0	4.0	Embedded Avionics	Anatomy of Drone Avionics Sensor Information Flow Sensor Fusion Method AHRS & IMU Overview INS Overview (MEMS & RLG-TH)	EEE ECE E&I Mechatronics	3	5
	25.0	10.0	15.0	Sensors & Input Elements	Sensor Selection Rules Sensor Placement Considerations Sensor Interfacing Methods User Input Element Functions Protocols & Peripherals Used	EEE ECE E&I Mechatronics	3	5
	20.0	8.0	12.0	Protocols & Peripherals	User Input Protocols Control Element Protocols Peripheral Interface Protocols Telemetry Protocols & Schema Multi Platform Communication Schema	EEE ECE E&I Mechatronics	3	6
	45.0	4.5	40.5	Realtime Application Development	C++ SDK Based Autonomous Command Sequence Execution C++ SDK Based "Follow Me" Deployment Example C++ SDK Based Payload Interfacing Example Mathematical Modelling Example	EEE ECE E&I Mechatronics	3	5
	25.0	5.0	20.0	Data Logging & Analysis	Need for Data Analysis for R&D Data Logging Format Flight Params & Path Analysis Embedded Data Extraction RCA Analysis for Avionics System	EEE ECE E&I Mechatronics	3	5
Software & Artificial Intelligence	25.0	5.0	20.0	SDK/API Interfacing	ZAIP SDK Interface MAVLINK SDK Interface PYTHON SDK Interface GNU C++ SDK Interface	EEE, ECE, E&I, Mechatronics, CSE	3	6
	25.0	5.0	20.0	Payload/Camera Interface	Video / Image Capture Techniques OpenCV Overview Frame Segmentation & Analysis Frame Capture & Storage Image Frame Filtering	EEE, ECE, E&I, Mechatronics, CSE	3	6
	15.0	12.0	3.0	Mathematical Modeling	Basic Overview of Cartesian Geometry & Trigonometry Geometric & Trigonometric modeling of Autonomous Mission Control Output Modelling	EEE, ECE, E&I, Mechatronics, CSE	4	7
	45.0	4.5	40.5	AI Based Realtime Applications	Python SDK - Command Sequence Execution Python SDK based "Drone Swarm" Example Python SDK - Vision Based Object Tracking Example Python SDK - Vision Based Precision Landing Example	EEE, ECE, E&I, Mechatronics, CSE	4	7
	25.0	7.5	17.5	User Interface Software Design	Basic Customizable User Interface Example Overview UI / UX Design Rules for Avionic System API & SDK Interface and Integration	EEE, ECE, E&I, Mechatronics, CSE	4	7
	537.0	168.7	368.3					
	100%	31.4%	68.6%					

ZUPPA

ACCOMPANYING HARDWARE & TOOLS FOR INNOVATION LAB AT SCSVMV, KANCHIPURAM

Lab Category	Accompanying Hardware & Tools
Innovation Lab (500+ Hours)	**Flying and Operating Drones:** 1 x Ajeet Trainer Drone 3 x Ajeet Scout Drone 2 x Drone Airframe (for Assembly / Disassembly) 2 x Drone Spares (for Assembly / Disassembly) 1 x Drone Anatomy Blown-up Kit **Documentation:** 1 x Documentation for Drone Operation **Tools:** 2 x Drone Tool Kits 1 x Micro Soldering Station 1 x XBOX 360 Joystick 4 x Landing Pad **Computing Devices:** 2 x Basic Laptop for Field configuration & usage 4 x Onboard computing Board fitted inside Drone **Softwares:** 4 x ZAIP SDK License for Python & C++ 2 x Example SDK Code Package 2 x Example SDK Package for Vision Programming 1 x Example Swarming Drone SDK Package 6 x ZUPPA DISHA GCS License (1 per Drone, except Anatomy Blown Up Kit). **Programming Kits :** 4 x Programming Kit for NavGati AutoPilot 4 x Programming Kit for ZAIP SDK 1 x RF Data Router Module **Avionics & Simulators:** 4 x Zuppa NavGati CyberSecure AutoPilot 4 x HILS Simulator for NavGati AutoPilot 4 x Onboard Computer Programming 4 x Onboard Vision Camera Module

ANNEXURE C: OTHER DELIVERABLES FROM ZUPPA

1) 500+ Hours of Content, accessible online through Zuppa LMS
2) Train-the-Trainer (SCSVMV Faculty/Staff) for 4 days to a maximum of 10 People
    a. 2 x ECE, 2 x CSE, 2 x Mechanical, 2 x EEE, 2 x AI/Data-Science
    b. Except Mechanical Faculties, the others should know Python / C++ Programming
    c. Each department faculty would be trainedby Zuppa in our office/dedicated space for 4 days.
    d. The visiting period of each department faculty should be separate in order for zuppa to deliver effective knowledge transfer.
    e. The Travel, accommodation and food cost for the faculty to be borneby the University. Lunch and Coffee/Tea would be provided by Zuppa during office hours.
3) 6 Live-Virtual Sessions by Zuppa or Industry Experts in a Year.
4) Internship opportunities to deserving candidates (Maximum of 3-4 per year) would be provided by Zuppa. There would be a proper selection process for the same.

ANNEXURE D: COMMERCIAL PROPOSAL

ZUPPA

	COMMERCIAL PROPOSAL TO SCSVMV FOR IMPLEMENTING DRONE INNOVATION LAB	
S. NO	**DESCRIPTION**	**PRICE EXCLUDING GST (Rs.)**
1	Integration of Zuppa Innovation Lab Content into SCSVMV Curriculum Including: (1) 500+ Hours of Content, accessible for one year (Annexure A) (2) Content would be delivered online through Zuppa LMS (Annexure C) (3) Train-the-Trainer (Maximum 10 People) for 4 days at Zuppa Office (Annexure C) (4) 6 Live-Virtual Sessions by Zuppa or Industry Experts in a Year (Annexure C) (5) Internship Opportunites to deserving candidates (Annexure C) (5) List of Hardware / Teaching Aids (as listed in Annexure B).	₹ 24,00,000
2	Subscription cost (Per Annum) to Zuppa LMS for Content after 1 Year Note: (1) Zuppa will be responsible for regular updates to the Content as Technology Evolves (2) 6 Live-Virtual Sessions by Zuppa or Industry Experts in a Year	₹ 3,60,000

Terms & Conditions:

1. All prices are excluding GST. The same would be applicable as per the prevailing rates

2. This commercial proposal is valid only for till 31st October 2024

3. Payment would be 100% in Advance along with the Purchase Order.

4. The implementation time would be 8 to 12 weeks from the date of receipt of purchase order

5. The cost for food, traveling & staying in Chennai for the Train-the-Trainer module would have to be borne by the Customer / Institution.

6. The list of Instruments & Infrastructure attached with this proposal is to be bought by the Customer/Institution through their own sources

ANNEXURE E: INSTRUMENTS & INFRASTRUCTURE THAT NEED TO BE PROVIDED BY SCSVMV FOR SETTING UP THE INNOVATION LAB

		Next Steps from SCSVMV (Including Other Instruments and Infrastructure)		
S. No		Action Item	Reference Links (This is Just for Reference, University can decide to buy equivalent products)	Estimated Cost (Approx) - Rs.
1	Lab Infrastructure Related	Dedicated space of 1000 Sq. Feet; Air-Conditioned Preferably		-
2		4 Workstation Tables for students to do the hands-on activity on MRO modules, with a Tubelight/LED Light on Top	https://www.tradeindia.com/products/aws-12060	40,000
3		8 Practical Desks with 3 x Power Connection Slots in each table	https://amzn.in/d/fwrx5o2	20,000
4		ESD Mat for Lab Floor (Optional: For Entire Lab); Students to enter the lab without Shoes or Slippers. Shoe Rack to be kept outside	https://m.indiamart.com/proddetail/esd-floor-m	30,000
5		Air Curtain (To be put in the entrance of the Lab; Add this only if the ESD Mat is being installed for the entire lab)	https://amzn.in/d/1iFAnmO	15,000
6		1 x Whiteboard with Markers and Eraser	https://amzn.in/d/6OfaQRU	1,500
7		1 x Projector in the Laboratory	https://amzn.in/d/fRvrZOd	13,000
8	Lab Equipments & Tools	Minimum 6 Windows PC (i5/Ryzen5, 8GB RAM, 500GB HDD, Monitor, Keyboard, UPS)	https://amzn.in/d/9Hz69OD	90,000
9		1 x PC above with Solidworks Application		-
10		Remote Drive (Approximately 100GB to start with) in a Server should be allocated for storing of Data and other critical information like google cloud , aws rds etc...	https://one.google.com/about/plans?gad_source=1&gclid=CjOKCQjwxsm3BhDrARIsAMtVz6N7eBg8TmIbOMeIfXGkOcVzhO-U1rbPnNSjyYX9BsQ6CdWK5Jdm_PUaAkrFEALw_wcB&g1_landing_page=0	2,000
11		6 x Regular Digital Multimeters	https://amzn.in/d/aQ1nwFJ	4,800
12		2 x Digital Signal Oscilloscope (DSO) / Mixed Signal Oscilloscope (MSO)	https://amzn.in/d/hYOEOpt	13,000
13		4 x Electronic Soldering Stations (Brand: OSS; Model: T12-X+)	https://amzn.in/d/aU0eLgl	16,000
14		4 x Soldering Fume Extractor	https://amzn.in/d/6GjlRcZ	3,000
15		IPA Solution (1/2 Litre for each Workstation Table)	https://amzn.in/d/5TFJxEi	1,000
16		Soldering Lead - 1 Roll for each Workstation Table	https://amzn.in/d/7wbSQt5	1,000
17		Soldering Paste - 1 Box for each Workstation Table	https://amzn.in/d/8aGiVin	1,000
18		Cleaning Cotton	https://amzn.in/d/5aGKNiv	500
19		4 x Soldering Iron Tip Cleeaner	https://amzn.in/d/dwmvAog	1,500
20		1 x Hot Air Soldering/Desoldering Station	https://amzn.in/d/3L2NrKi	2,500
21		1 x 30V Regulated Power Supply	https://amzn.in/d/6LhO4PD	8,000
22		4 x Logical Analysers	https://amzn.in/d/9t7AVWg	2,500
23		1 x Laser Pointer as a Teaching Aid	https://amzn.in/d/OOXH4Il	600
24		4 x ESD Mat for Workstation Table	https://amzn.in/d/9a7ogt8	4,000
25		2 x Soldering Station Magnifying Lens	https://amzn.in/d/4TpBfza	2,000
26		1 x GPS Booster (GNSS Repeater Kit)	https://evelta.com/gnss-repeater-kit/?utm_source=google&utm_campaign=19958243666&utm_medium=ad&utm_content=&utm_term=&gad_source=1&gclid=CjOKCQjwxsm3BhDrARIsAMtVz6PLBrGoKDBeMfKLqz86l8LjXiwe9tiyy1s5wDI5qQODxeOusYCH6-oaAgupEALw_wcB	18,000
27	Outdoor Infrastructure Related	Outdoor Flying Area (Open Ground clear of trees and other obstacles)	50meters x 50 meters	-
28		1 x Anemometer for Outdoor Activity (To measure windspeed)	https://amzn.in/d/cpO6pgF	1,000
29		1 x Portable Table for Outdoor Flying Activities on Drones (With Umbrella)	https://amzn.in/d/2KrnTgY	6,000
30	People Resource	Identify 10 Faculty members to be identified (2 x ECE, 2 x CSE, 2 x Mechanical, 2 x EEE, 2 x AI/Data). Except Mechanical Faculties, the other should know Python/C++ Programming.		-
31		2 x Lab Assistants to manage the equipment and the Lab Infrastructure		-
32	Content	The university should help to slice the content across departments and semesters for us to prepare the delivery accordingly.		-
33	Training	Train-the-Trainer Program: - Each department faculty would be trained by Zuppa in our office/dedicated space for 4 days. - The visiting period of each deparment faculty should be separate in order for zuppa to deliver effective knowledge transfer - The Travel, accomodation and food cost for the faculty to be borne by the University. Lunch and Coffee/Tea would be provided by Zuppa during office hours.	Boarding and Lodging for 10 people for 4 days each , 1500/person/day , Hence 40 days * 1500/person/day	60,000
			GRAND TOTAL APPROXIMATE COSTS	3,57,900