



**SAPTHAGIRI COLLEGE OF ENGINEERING**  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057  
Affiliated to VTU, Belagavi and approved by AICTE, New Delhi  
Accredited by NAAC with "A" grade, Accredited by NBA for CSE, ISE, ECE, EEE, ME  
An ISO 9001:2015 & ISO 14001:2015 Certified Institution



**3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year (2022-2023)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1.	Machine Learning using Python	Take it smart (OPC) Pvt Ltd	Prathik R Gowda	1/20/2023	30 days	Internship
2.	Machine Learning using Python	Take it smart (OPC) Pvt Ltd	Akshay Kumar HP	8/20/2022	30 days	Internship
3.	Machine learning using python	Take it smart (OPC) Pvt Ltd	V VARSHINI	2/28/2023	30 days	Internship
4.	Machine learning using python	Take it smart (OPC) Pvt Ltd	HARSHITHA H G	2/28/2023	30 days	Internship
5.	Machine learning using python	Take it smart (OPC) Pvt Ltd	Meghana HP	2/28/2023	30 days	Internship
6.	Machine learning using python	Take it smart (OPC) Pvt Ltd	Chandrika D	2/28/2023	30 days	Internship
7.	Air quality monitoring using Machine learning	Take it smart (OPC) Pvt Ltd	Manoj H	10-01-2022	30 days	Internship
8.	Half Subtractor using Basic Gates	Sapthagiri college of engineering	Sumana M	08-01-2022	30 days	Internship
9.	Design of Full Adder using NAND gates with minimum area	Sapthagiri College of Engineering	Preetam Hegde	08-01-2022	30 days	Internship
10.	T latch	Sapthagiri college of engineering	Vandhana S	0022-08-01	30 days	Internship
11.	Clocked SR latch using and gate	Sapthagiri college of engineering	Bindhu H C	08-01-2022	30 days	Internship
12.	Full Stack Web Development	Sain Informatix Pvt Ltd	Yamuna A C	10-01-2022	30 days	Internship
13.	Full Stack Web Development	Sain Informatix Pvt Ltd	Thanushree G	10-01-2022	30 days	Internship
14.	Full Stack Web Development	Sain Informatix Pvt Ltd	Sneharani U	10-01-2022	30 days	Internship
15.	Full stack web development	Sain Informatix Pvt Ltd	Sushma B O	10-01-2022	30 days	Internship
16.	Full Subtractor	Sapthagiri College of Engineering	Sumanth C Gowda	08-01-2022	30 days	Internship
17.	Machine learning using python	Take it smart (OPC) Pvt Ltd	Pushpalatha kr	2/28/2023	30 days	Internship
18.	Full stack web development	Sain Informatix Pvt Ltd	Shivam Kumar O	10-10-2022	30 days	Internship
19.	Full stack web development	Sain informatix pvt Ltd	Shubham Pathak	10-01-2022	30 days	Internship
20.	VLSI [3 input NAND GATE]	Sapthagiri College of Engineering	RAHUL N	01-08-2022	30 days	Internship
21.	VLSI (JK flip-flop)	Sapthagiri college of engineering	SANKEERTH M	08-01-2022	30 days	Internship



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22.	VLSI-Half adder using basic gates and NAND gates	Sapthagiri college of engineering Bengaluru	Prashanth KB	08-01-2022	30 days	Internship
23.	Cascade voltage switch logic using custom standard cells	Sapthagiri college of engineering	Ruthvik Gowda H	09-01-2022	30 days	Internship
24.	2input OR gate	TECHNO CARVE SOLUTIONS LLP	RAJAPU RISHIKESH	08-01-2022	30 days	Internship
25.	VLSI (2:1 Inverting Multiplexer)	Sapthagiri College of Engineering	Sanjay K	08-01-2022	30 days	Internship
26.	Embedded system and IoT	Take It Smart (OPC) Pvt. Ltd.	Shilpa S	2/14/2023	30 days	Internship
27.	Machine learning in python	Take It Smart (OPC) Pvt. Ltd.	Ananya. P	10-01-2022	30 days	Internship
28.	Machine learning using python	Take It Smart (OPC) Pvt. Ltd.	HITAISHI S	10-01-2022	30 days	Internship
29.	Embedded System and IoT	Take It Smart PVT LTD	Kavana T R	2/14/2023	30 days	Internship
30.	Embedded system and iot	Take it smart	Nanditha G	2/14/2023	30 days	Internship
31.	Embedded systems and IOT	Take it Smart	Anushka S	1/28/2023	30 days	Internship
32.	Relay	SNS Industries	Avinash HM	2/15/2023	30 days	Internship
33.	Relay	SNS Industries	Kishan C S	2/15/2023	30 days	Internship
34.	Relays	SNS industries	Anil Kumar Yadav P	2/15/2023	30 days	Internship
35.	Relays	S N S industries	Bhargav A	2/15/2023	30 days	Internship
36.	VLSI 3 INPUT NOR	Sapthagiri College of Engineering	RANJITH S G	08-01-2022	30 days	Internship
37.	VLSI 4:1 MUX using NAND gates	Sapthagiri College of Engineering	Praveen B R	08-01-2022	30 days	Internship
38.	Street light monitoring and control using IOT	Take It Smart Private Limited	Praveen B	2/14/2023	30 days	Internship
39.	Web development	Talent pace	Tapan	02-01-2023	30 days	Internship
40.	Machine learning with python	Varcons Technologies Pvt Ltd	Shreyas G Raj	10-01-2022	30 days	Internship
41.	VLSI (Half subtractor using NOR gates)	Techno Carv solution LLP	Bhoomika N	08-01-2022	30 days	Internship
42.	VLSI(Half adder using NOR gates)	Techno Carv solution LLP	Inchara V	08-01-2022	30 days	Internship
43.	Design of XNOR	Sapthagiri college of engineering	Praveen A	08-01-2022	30 days	Internship
44.	VLSI(T flip flop)	Sapthagiri college of engineering	S.RAVEESH KOTI	08-01-2022	30 days	Internship
45.	MachineLearning using Python	Intrainz	Sushma M M	09-01-2022	30 days	Internship



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46.	Embedded systems and iot	TAKE IT SMART (OPC) PVT.LTD	Harshith V	1/28/2023	30 days	Internship
47.	implementation of boolean expression $y=((A+B)C+DE)'$	Sapthagiri college of engineering	HARSHITHA.N	08-01-2022	30 days	Internship
48.	Decoder using and gate	Sapthagiri college of engineering	Deepika P	08-01-2022	30 days	Internship
49.	Machine learning using python	Intrainz	SUCHARITHA M.G.	9/29/2022	30 days	Internship
50.	Design of 4 OR gate with Minimum area	Techno carve solutions LLP	Latha T S	08-01-2022	30 days	Internship
51.	VLSI	Sapthagiri College of engineering	Rahul Kumar Yadav	11-02-2022	30 days	Internship
52.	VLSI	Sapthagiri College of engineering	Shivam Shiva	11-01-2022	30 days	Internship
53.	embedded system	Varcon's Technology Pvt Ltd.	Sagar. A	8/23/2022	30 days	Internship
54.	VLSI (4 input NOR Gate)	Sapthagiri College of Engineering	Mohammed Maaz Hameed	08-01-2022	30 days	Internship
55.	Embedded system and lot	Take it smart	Dhanush V	1/28/2023	30 days	Internship
56.	VLSI (2 input nand gate)	Sapthagiri College of Engineering	Rakesh L	08-01-2022	30 days	Internship
57.	Machine Learning using Python	Take it smart	Varsha M	8/21/2022	30 days	Internship
58.	Machine learning using python	Take it smart	Vinutha MJ	10-01-2022	30 days	Internship
59.	Machine learning with python	Varcons Technologies Pvt Ltd	Subhash B S	10-01-2022	30 days	Internship
60.	Synchronization signal in 5G NR	Lekha Wireless Solutions Private Limited	NITIKA KUMARI	02-06-2023	30 days	Internship
61.	Software engineer	Sicap India Pvt. Ltd.	Manya Upadhyay	12/17/2022	30 days	Internship
62.	Embedded Systems	Varcons Technologies	Sai Ganesh CS	8/23/2022	30 days	Internship
63.	Software engineer	Sicap India Pvt. Ltd.	Amitoje Singh	12/17/2022	30 days	Internship
64.	Embedded system and IOT	Take it smart Pvt. Ltd.	Harshan Gowda K H	2/23/2023	30 days	Internship
65.	Machine learning	Take it smart	Taranum Banu	10-01-2022	30 days	Internship
66.	Artificial intelligence	Intrainz Edutech	Preeti kulkarni	09-01-2022	30 days	Internship
67.	Machine learning with Python	Take it smart	Shivani.V	10-01-2022	30 days	Internship
68.	(VLSI) D FLIP FLOP	Sapthagiri College of Engineering	SHASHANK.R	08-01-2022	30 days	Internship
69.	Typing Speed calculator using Java	Varcons Technologies Pvt. Ltd	Swaroop S	10/16/2022	30 days	Internship
70.	VLSI (JK latch)	Sapthagiri College of Engineering	Shivam Kumar Sharma	08-01-2022	30 days	Internship



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71.	Full stack web development	Sain Informatix Pvt Ltd	Poornima S	10-10-2022	30 days	Internship
72.	Internship training in BEL	Bharath electronics	Abhishek Vidyadhar Shet	3/29/2023	30 days	Internship
73.	Internship training at Bharat Electronics limited	Bharat Electronics Limited	Bhavana N	3/29/2023	30 days	Internship
74.	Implementation of EXOR gate	Sapthagiri College of Engineering	DIPTHI N	08-01-2022	30 days	Internship
75.	VLSI (D-latch using basic gates)	Sapthagiri College of Engineering	Bhavana P S	08-01-2023	30 days	Internship
76.	Machine Learning with Python	Varcons Technologies Pvt. Ltd.	Yashaswini S	10-01-2022	30 days	Internship
77.	Machine learning with python	Varcons Technologies Pvt. Ltd.	Vismaya B V	10-01-2022	30 days	Internship
78.	Machine learning and python	Aqmenz automation pvt ltd	Vinutha H V	10-01-2022	30 days	Internship
79.	Machine learning with python	VARCONS TECHNOLOGY	S M FARAZ HUSSAIN	10-01-2022	30 days	Internship
80.	Embedded system and iot	Take it smart pvt limited	Suhas S	1/28/2023	30 days	Internship
81.	Full stack web development	Sain Informatix	Gagana Kumari N	10-01-2022	30 days	Internship
82.	Automation and IOT	Siemens Centre of Excellence, GTTC.	Harish Gowda T R	2/20/2023	30 days	Internship
83.	VLSI	Sapthagiri college of Engineering	Sandeep O	08-01-2022	30 days	Internship
84.	Study of Military Communication	Bharat Electronics Limited (BEL)	Srinivas N Kaushik	02-06-2023	30 days	Internship
85.	Machine Learning With Python	Varcons Technologies Pvt Ltd	Sindhu S	10-01-2022	30 days	Internship
86.	Embedded system and IOT	Take It Smart	Chandrashekar Y M	03-06-2023	30 days	Internship
87.	Embedded and IoT	Nano Robotics Embed Technologies	Darshan Patel	2/28/2023	30 days	Internship
88.	Embedded and IoT	Nano Robotics Embed Technologies	P K SHRIRAM	2/28/2023	30 days	Internship
89.	Embedded and IoT	Nano Robotics and Embed Technologies	Pavan K S	2/28/2023	30 days	Internship
90.	Chatbot for Healthcare System Using AI	Compsoft Technologies	Bhuvana K S	10-01-2022	30 days	Internship
91.	Internship training in Bharat Electronics Limited	Bharat Electronics Limited	KOKILA A S	3/29/2023	30 days	Internship
92.	Chatbot for Healthcare System using AI	Compsoft technologies	NIRUPAMA G	10-01-2022	30 days	Internship
93.	Relays	S N S industries	Jeevan T V	2/15/2023	30 days	Internship
94.	VLSI	Sapthagiri College of Engineering	Monica Valentina M	08-01-2022	30 days	Internship
95.	Machine Learning using Python	Take it Smart	Divya Shree G K	03-02-2023	30 days	Internship
96.	Object detection robotic Application	Nano Robotics Embed Technologies	Manjunath M	2/28/2023	30 days	Internship



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97.	Warehouse Monitoring System	Nano Robotics Embed Technologies	Dinesh B	2/28/2023	30 days	Internship
98.	Machine Learning using Python	Take It Smart	Dhanush G M	03-02-2023	30 days	Internship
99.	VISI	Sapthagiri College of Engineering	Brunda G P	08-01-2022	30 days	Internship
100.	Embedded and IOT	Nano Robotics Embed Technologies	Kushal Bharadwaj B A	2/28/2023	30 days	Internship
101.	Implementation of Boolean expression (AB+C)D'	Sapthagiri College of Engineering	Brunda P	08-01-2022	30 days	Internship
102.	SR latch using NAND	Sapthagiri College of Engineering	VIJAYAKUMAR S N	08-01-2022	30 days	Internship
103.	Half subtractor using NAND gate	Sapthagiri College of engineering	Anusha C	08-01-2022	30 days	Internship
104.	Embedded system and IoT	TAKE IT SMART (OPC) PVT LTD	Honnesh Babu P N	1/20/2023	30 days	Internship
105.	Embedded systems and iot	Take it smart	R Kishore	1/20/2023	30 days	Internship
106.	Embedded system and iot	Take it smart private limited	Nikhil S S	2/14/2023	30 days	Internship
107.	Embedded system and iot	Take It smart PVT LTD	Sachin MJ	2/14/2023	30 days	Internship
108.	VLSI - Xor using Nand gate	Sapthagiri college of engineering	Gowtham S Magar	08-01-2022	30 days	Internship
109.	Embedded system and IOT	Take it Smart (OPC) Pvt. Ltd.	Manish Shah R	03-06-2023	30 days	Internship
110.	Machine learning	Take it smart	Gouri Priya R	2/28/2023	30 days	Internship
111.	Machine Learning Using Python	Aqmenz Automation Private Limited	Vaishnavi U S	10-01-2022	30 days	Internship
112.	Embedded system and IOT	Take it smart (OPC) pvt Ltd	Hemanth Kumar L	2/23/2023	30 days	Internship
113.	Embedded systems and IoT	Take it smart	Ravikiran	2/16/2023	30 days	Internship
114.	Front end development	IBM Skillbuild	Revayya Kabburmath	1/23/2023	30 days	Internship
115.	FRONT END DEVELOPMENT	IBM Skill build	RAHUL N	1/23/2023	30 days	Internship
116.	SR Flipflop using NOR Gates	Sapthagiri College of Engineering	Sangeeth M	08-01-2022	30 days	Internship
117.	Embedded and IoT	Take it smart	Girish Reddy S	03-06-2023	30 days	Internship
118.	PCB MANUFACTURING	Incap Contract Manufacturing Services Pvt. Ltd.	Lakshmisha J P	10-01-2022	30 days	Internship
119.	PCB Manufacturing	Incap contract manufacturing services Pvt. Ltd.	Vikram p	09-01-2022	30 days	Internship
120.	VLSI (2 Input NOR)	Sapthagiri College Of Engineering	Rohith DG	08-01-2022	30 days	Internship
121.	Iot(internet of Things)	Karunadu technologies Pvt Ltd.	Mohammed Moulana	2/21/2023	30 days	Internship
122.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ABHIJITH SAI CHINNI	11-10-2022	15 days	Internship



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123.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ABHILASH G YADAV	11-10-2022	15 days	Internship
124.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ABHISHEK S K	11-10-2022	15 days	Internship
125.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ADITHYA S	11-10-2022	15 days	Internship
126.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ADITYA RANJAN BISWAL	11-10-2022	15 days	Internship
127.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	AISHWARYA K M	11-10-2022	15 days	Internship
128.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	AKSHAY S PATIL	11-10-2022	15 days	Internship
129.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ANANYA H S	11-10-2022	15 days	Internship
130.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ANANYA J A	11-10-2022	15 days	Internship
131.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ANKITH D R	11-10-2022	15 days	Internship
132.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ANKITH M	11-10-2022	15 days	Internship
133.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ANKITHA B	11-10-2022	15 days	Internship
134.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ANUSHA R	11-10-2022	15 days	Internship
135.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ARPITHA A	11-10-2022	15 days	Internship
136.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ASHRITH M L	11-10-2022	15 days	Internship
137.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	B S NANDAN KISHORE	11-10-2022	15 days	Internship
138.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	B TARUN	11-10-2022	15 days	Internship



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139.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	BHAGATH S G	11-10-2022	15 days	Internship
140.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	BHAGYASHREE PATIL	11-10-2022	15 days	Internship
141.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	BHARGAVI KC	11-10-2022	15 days	Internship
142.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	BHAVANA B	11-10-2022	15 days	Internship
143.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	BHAVANA S	11-10-2022	15 days	Internship
144.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	BHOOMIKA R	11-10-2022	15 days	Internship
145.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	BHOOMIKA R	11-10-2022	15 days	Internship
146.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	CHELUVA KUMAR K	11-10-2022	15 days	Internship
147.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	CHIRANTH H A	11-10-2022	15 days	Internship
148.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	DAIWIK GOWDA S	11-10-2022	15 days	Internship
149.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	DARSHAN N	11-10-2022	15 days	Internship
150.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	DEEPAK R	11-10-2022	15 days	Internship
151.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	DEVAPPA HUCHANATTI	11-10-2022	15 days	Internship
152.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	DEVARAJ V	11-10-2022	15 days	Internship
153.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	DHRUVAKUMAR K	11-10-2022	15 days	Internship
154.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	G SAI TILAK	11-10-2022	15 days	Internship



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155.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	G SPOORTHY	11-10-2022	15 days	Internship
156.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	GAGAN H	11-10-2022	15 days	Internship
157.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	GAGAN R	11-10-2022	15 days	Internship
158.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	GURULINGU R	11-10-2022	15 days	Internship
159.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HARISH KUMAR M S	11-10-2022	15 days	Internship
160.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HARSHITH B J	11-10-2022	15 days	Internship
161.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HARSHITH GOWDA D	11-10-2022	15 days	Internship
162.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HARSHITH S	11-10-2022	15 days	Internship
163.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HARSHITHA G H	11-10-2022	15 days	Internship
164.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HARSHITHA N BHAT	11-10-2022	15 days	Internship
165.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HEMANTH KUMAR A R	11-10-2022	15 days	Internship
166.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HIMALI R	11-10-2022	15 days	Internship
167.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ISHA PURNESH	11-10-2022	15 days	Internship
168.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	JAYANTH V P	11-10-2022	15 days	Internship
169.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	JEEVITHA R	11-10-2022	15 days	Internship
170.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	K G AISWARYA DEV	11-10-2022	15 days	Internship



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171.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	K SINDHU	11-10-2022	15 days	Internship
172.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	KEERTHANA B V	11-10-2022	15 days	Internship
173.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	KEERTHANA K	11-10-2022	15 days	Internship
174.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	KRUTHI S	11-10-2022	15 days	Internship
175.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	KRUTHIK M V	11-10-2022	15 days	Internship
176.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	KUSHAL S K	11-10-2022	15 days	Internship
177.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	LAKSHMI SHREE P	11-10-2022	15 days	Internship
178.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	LAVANYA B H	11-10-2022	15 days	Internship
179.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	MADHUGOWDA M H	11-10-2022	15 days	Internship
180.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	MADHURA K	11-10-2022	15 days	Internship
181.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	MANOJ GOWDA A M	11-10-2022	15 days	Internship
182.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	MANYA B A	11-10-2022	15 days	Internship
183.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	HARSHAVARDHAN A N	11-10-2022	15 days	Internship
184.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ARPITHA S	11-10-2022	15 days	Internship
185.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	CHANNAKESHA VA KR	11-10-2022	15 days	Internship
186.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	DEEPAK KUMAR G M	11-10-2022	15 days	Internship



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187.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	GANGA R M	11-10-2022	15 days	Internship
188.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	JAYASHREE G	11-10-2022	15 days	Internship
189.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	KRITHIK P	11-10-2022	15 days	Internship
190.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	MITHUN D	11-10-2022	15 days	Internship
191.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	MITHUN P	11-10-2022	15 days	Internship
192.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	MONISHA V	11-10-2022	15 days	Internship
193.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	N R LIKITH REDDY	11-10-2022	15 days	Internship
194.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	N V ABHISHEK	11-10-2022	15 days	Internship
195.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	NANDAN G	11-10-2022	15 days	Internship
196.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	NANDINI A	11-10-2022	15 days	Internship
197.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	NAVEEN B	11-10-2022	15 days	Internship
198.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	NIKSHITH CHANDRU	11-10-2022	15 days	Internship
199.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	NITHISH C H	11-10-2022	15 days	Internship
200.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	NITHYANANDAN S	11-10-2022	15 days	Internship
201.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PAVAN G	11-10-2022	15 days	Internship
202.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PEEYUSH C P	11-10-2022	15 days	Internship



Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
203.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PRAJWAL G	11-10-2022	15 days	Internship
204.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PRAKRUTHI S MALNAD	11-10-2022	15 days	Internship
205.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PRASHANTH V H	11-10-2022	15 days	Internship
206.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PREETHI K	11-10-2022	15 days	Internship
207.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PRUTHVIKA R	11-10-2022	15 days	Internship
208.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PUNEETH R	11-10-2022	15 days	Internship
209.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RAGHU C	11-10-2022	15 days	Internship
210.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RAJEEV N KAUSHIK	11-10-2022	15 days	Internship
211.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RAJESHWARI P NANDEPPAGOUDAR	11-10-2022	15 days	Internship
212.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RENUKA PRASAD Y S	11-10-2022	15 days	Internship
213.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ROHAN K GOWDA	11-10-2022	15 days	Internship
214.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ROHIT N	11-10-2022	15 days	Internship
215.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	ROHITH N	11-10-2022	15 days	Internship
216.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RUCHITHA R	11-10-2022	15 days	Internship
217.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RUKHIYA BANU	11-10-2022	15 days	Internship
218.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RUPESH L	11-10-2022	15 days	Internship



Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
219.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RUTHIK U S	11-10-2022	15 days	Internship
220.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SAHANA R	11-10-2022	15 days	Internship
221.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SAHANA SHETTY	11-10-2022	15 days	Internship
222.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SAMRIDDI V KHANDLWAL	11-10-2022	15 days	Internship
223.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SANJANA	11-10-2022	15 days	Internship
224.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SANKETH B M	11-10-2022	15 days	Internship
225.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SHALINI C	11-10-2022	15 days	Internship
226.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SHREYAS B L	11-10-2022	15 days	Internship
227.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SHREYAS N	11-10-2022	15 days	Internship
228.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SINCHANA	11-10-2022	15 days	Internship
229.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SINCHANA A	11-10-2022	15 days	Internship
230.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SINCHANA C	11-10-2022	15 days	Internship
231.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SPOORTHI R	11-10-2022	15 days	Internship
232.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SREEVATSA S	11-10-2022	15 days	Internship
233.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SRIVIDHYA K S	11-10-2022	15 days	Internship
234.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SRUSHTHI YUVARAJ GHATAGE	11-10-2022	15 days	Internship



Sl. No	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
235.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SUBRAMANYA S KALASANNAVAR	11-10-2022	15 days	Internship
236.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SUCHITHRA G	11-10-2022	15 days	Internship
237.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SUDEEP H U	11-10-2022	15 days	Internship
238.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SUHAIL ULLA KHAN	11-10-2022	15 days	Internship
239.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SUHAS HC	11-10-2022	15 days	Internship
240.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SUSHRUTA S	11-10-2022	15 days	Internship
241.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	TEJASWINI S S	11-10-2022	15 days	Internship
242.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	THANUSHREE B A	11-10-2022	15 days	Internship
243.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	THARUN C	11-10-2022	15 days	Internship
244.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	THRISHA BAI D	11-10-2022	15 days	Internship
245.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	UDAY KUMAR G L	11-10-2022	15 days	Internship
246.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	V VISHNU	11-10-2022	15 days	Internship
247.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	VAISHNAVIKA S GANGADKAR	11-10-2022	15 days	Internship
248.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	VARUN S	11-10-2022	15 days	Internship
249.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	VEDAGANGE	11-10-2022	15 days	Internship
250.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	VISHWAS M	11-10-2022	15 days	Internship



Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
251.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	YUVARAJ I K	11-10-2022	15 days	Internship
252.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	PRAJWAL K S	11-10-2022	15 days	Internship
253.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	RAMYA KULKARNI	11-10-2022	15 days	Internship
254.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SABEEHA KHANUM	11-10-2022	15 days	Internship
255.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	SHREYAS D NADIGER	11-10-2022	15 days	Internship
256.	IBM Skills Build Internship on Job Readiness	Edunet Foundation	VATHSALA H K	11-10-2022	15 days	Internship



From :

Sandeep.o

1SG20EC410

ECE 7<sup>th</sup> Sem B Section

Sapthagiri College of engineering

Bangalore - 56

To :

The Principal

Sapthagiri College of engineering

Bangalore - 56

Respected Sir,

Subject : Requesting Permission to attend internship.

I am Sandeep.o bearing USN: 1SG20EC410 ECE 7<sup>th</sup> Sem B 'A' Section. I am requesting permission to attend internship at Techno Carve solutions limited from October 1<sup>st</sup> to October 31<sup>st</sup>. So I request you to give permission to attend the same.

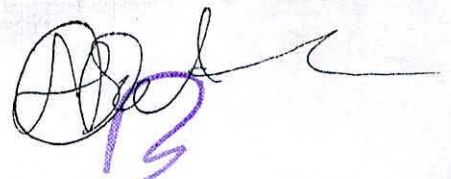
Thank you

Yours obediently

Sandeep.o

fee paid

forwarded



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

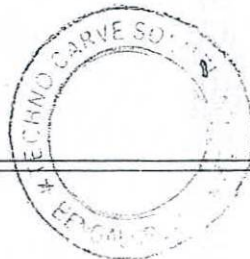
## CERTIFICATE OF COMPLETION

**SANDEEP O (USN-1SG20EC410)**

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of 2:1 MUX using Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Ashwini DM  
Head - Training Programs





# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

## Department of Electronics & communication Engineering

Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057



1200m,

Shilpa. S [ISG20EC411]

8<sup>th</sup> sem, 'A' sec ECE

Sapthagiri collage of Engineering  
Bangalore - 560057

Nanditha G [ISG20EC405]

Kavana. TR [ISG19EC043]

Shilpa. S  
ISG20EC411

To,

The Principal  
Sapthagiri collage of Engineering  
Bangalore - 560057

Respected Sir,

Subject: Requesting for permission letter to do  
internship

As the above mentioned subject, I request you to  
grant permission to do internship at "Take It Smart Pvt Ltd"  
from 14/02/2023 to 16/03/2023. So I request you  
to kindly give permission.

Thanking you,

forwarded



12.02.23  
Shilpa

Yours faithfully  
Shilpa



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta main Road  
Bengaluru - 560 057



Ref. No. SCE/Rec/7042/2022-23

23<sup>rd</sup> February 2023

To,  
Take it Smart Pvt Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Shilpa S	1SG20EC411
2	Ms. Kavana T R	1SG19EC043
3	Ms. Nanditha G	1SG20EC405

Further, the said students are permitted to undergo internship training from 14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**SHILPA S**

Student of SAPTHAGIRI COLLEGE OF ENGINEERING

Has completed Internship in Embedded System and IoT

From 14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



Mallikarjun Kumbar  
Director

Principal  
Sapthagiri College of Engineering  
#15, Chikkasandra, Hesara  
Bengaluru - 560 040





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**SUHAS S**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING BANGALORE**

Has completed Internship in **Embedded System and IoT**

From **28<sup>th</sup> January 2023 to 28<sup>th</sup> February 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057

Principal



Mallikarjun Kumbhar  
Director





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: SUHAS S

Dear Mr/Mrs. SUHAS S

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 28<sup>th</sup> January 2023. You will be working on project development **EMBEDDED SYSTEM AND IOT**. Your assignment concludes on February 28<sup>th</sup> 2023.

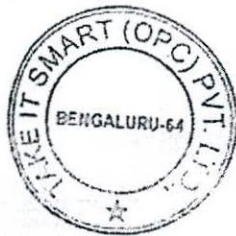
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasaraghatta Main Rd  
Bengaluru - 560 067

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7051/2022-23

28<sup>th</sup> February ' 2023

To  
Takeit smart Pvt. Ltd.,  
Vijayanagar,  
Bangalore – 560040.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Harshith V	1SG20EC401
2	Mr. Suhas S	1SG20EC412

Further, the said student has undergone industrial/internship training from 28<sup>th</sup> January' 2023 to 28<sup>th</sup> February' 2023. Their character and conduct is satisfactory.

Nr.



*Principal*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

*Principal*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Road

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in



From

Suhass S

15G720EC412

VII SEM, ECE-B

SCE, Bangalore

To,

The HOD

Dept of ECE

SCE, Bangalore

Respected Sir,

Subject :- Request to attend Internship

with respect to above subject, I want to do  
Internship at Take it smart, Bangalore from 28-01-23  
to 28-02-23 so, kindly request your permission to  
attend the same without disturbing the  
regular class

Thanking you

your obedient student  
Suhass S

forWARDED

Date 30/01/23  
Place - Bangalore

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hassan-Hubli Main Road  
E

Noted  
Suhass



From

Sachin M.J

8th ECE

19th ECE 409

Sapthagiri college of Engineering  
Bangalore - 57

10

The Principal

Sapthagiri college of Engineering

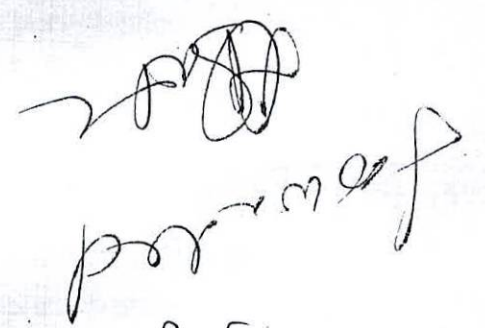
Bangalore - 57

Respected Sir,

Subject:- Requesting for Internship permission

As I mentioned above, I am willing to do the  
Internship at Tata Elxsi Pvt Ltd. Starting  
from 14/02/23 to 16/03/23 kindly permit permission  
with out disturbing the class

Thanking you



Yours faith fully  
Sachin M.J  
[19th ECE 409]

Sapthagiri College of Engineering  
1/5, Chikkaasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/6997/2022-23

13<sup>th</sup> February 2023

To,  
Take It Smart (OPC) pvt ltd.,  
Vijayanagar, Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Mr. Praveen B	1SG20EC407
2	Mr. Sachin M J	1SG20EC409
3	Mr. Nikhil S S	1SG20EC406


Further, the said students are permitted to undergo internship training from 14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **SACHIN M J**

Dear Mr/Mrs. : **SACHIN M J**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 14<sup>th</sup> February 2023. You will be working on project development **Embedded System & IOT**. Your assignment concludes on March 16<sup>th</sup> 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**SACHIN M J**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IoT**

From **14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarachatta Main Road  
Bengaluru



**Mallikarjun Kumbhar**  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



From,

Date: 28/02/2023

Haushikha. H.C.,

E.C.E 8th Sem,

Sapthagiri college of Engineering.

To,

Dr. H.C. Ganesha Kumar

HOD

E.C.E department.

Sapthagiri college of Engineering

Respected Sir,

Sub: Permission to do internship.

Please allow me and my classmates listed below to do internship in Take it Smart from 28/02/2023 to 31/03/2023, without disturbing the academics.

1. Chandanika. D - 1SG19EC023
2. Gouri peniya. R - 1SG19EC033
3. Haushikha. H.C. - 1SG19EC037
4. Vaishini. V. - 1SG19EC109
5. Meghana. H. P - 1SG19EC404
6. Pushpalatha. K. R - 1SG19EC408.

Thank you,

Permitted

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hebbur Road  
Bengaluru - 560092

Yours sincerely  
Dr. H.C. Ganesha Kumar





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

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(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7052/2022-23

28<sup>th</sup> February 2023

To,  
Take It Smart Pvt Ltd.,  
Vijayanagar,  
Bangalore - 560040.

Dear Sir,


Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Chandrika D	1SG19EC023
2	Ms. Gouri Priya R	1SG19EC033
3	Ms. Harshitha H G	1SG19EC037
4	Ms. V Varshini	1SG19EC109
5	Ms. Meghana H P	1SG20EC404
6	Ms. Pushpalatha K R	1SG20EC408

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 31st March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hasaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hasaraghatta Main Road, Bengaluru - 560 057, KARNATAKA,  
Ph: 080-28372800, 23130583, Fax: 08028372797  
Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasaraghatta Main Road  
Bangalore - 560 057





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[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **Pushpalatha K R**

Dear **Mrs. Pushpalatha K R**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 28<sup>th</sup> Febrary 2023. You will be working on project development **MACHINE LEARNING USING PYTHON** Your assignment concludes on March 31st 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 077

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040<sup>Wn</sup>,  
Bengaluru, Karnataka - 560 064.



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**PUSHPALATHA KR**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **28<sup>th</sup> February 2023 to 31<sup>st</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



Mallikarjun Kumbhar  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupidia



Date - 13/02/23

Place - Bangalore

From,

Praveen B

15GRDECH07

Sapthagiri College of Engineering

Bangalore - 560057

To,

The Principal

Sapthagiri College of Engineering

Bangalore - 560057

Respected Sir,

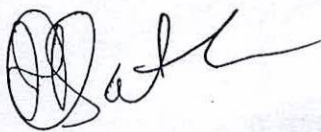
Subject - "Requesting for internship permission"

As I above mentioned, I am willing to do the internship at take it smart put. It starting from

14/02/2023 to 16/03/2023. ~~kindly give permission~~ Without disturbing  
classes  
kindly give permission

Thanking you

Forwarded.



Principal

Sapthagiri College of Engineering

15, Chikkasandra, Hosuraghatta Main Road  
Bangalore - 560 057

Your's obedient student

Praveen B



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE,CSE,ISE,ME,EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/6997/2022-23

13<sup>th</sup> February 2023

To,  
Take It Smart (OPC) pvt ltd.,  
Vijayanagar, Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Mr. Praveen B	1SG20EC407
2	Mr. Sachin M J	1SG20EC409
3	Mr. Nikhil S S	1SG20EC406

Further, the said students are permitted to undergo internship training from 14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*Principal*  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **PRAVEEN B**

Dear Mr/Mrs. : **PRAVEEN B**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 14<sup>th</sup> February 2023. You will be working on project development **Embedded System & IOT**. Your assignment concludes on March 16<sup>th</sup> 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasaraghatta Main Road  
Bengaluru - 560 057

14, SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**PRAVEEN B**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IoT**

From **14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
संरक्षण, समर्थन एवं मजबूत बनाना

#startupindia



**Mallikarjun Kumbhar**  
Director

**Sapthagiri College of Engineering**  
#5, Chikkasandra, Hebbala  
Bengaluru - 560 077



Shilpa. S [ISG20EC411] Nanditha G [ISG20EC405]  
6<sup>th</sup> sem, 'A' sec ECE Kavana. TR [ISG19EC043]  
Sapthagiri collage of Engineering  
Bangalore - 560057

Nanditha G  
ISG20EC405

To,

The Principal  
Sapthagiri collage of Engineering  
Bangalore - 560057

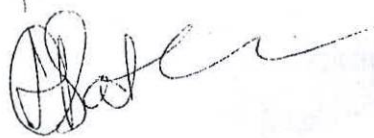
Respected Sir,

Subject is Requesting for permission letter to do  
internship

As the above mentioned subject, I request you to  
grant permission to do internship at "Take It Smart Pvt Ltd"  
from 14/02/2023 to 16/03/2023. So I request you  
to kindly give permission.

Thanking you,

forwarded



14/02/23  
Shilpa

Yours faithfully  
Shilpa



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057



Ref. No. SCE/Rec/7042/2022-23

23<sup>rd</sup> February 2023

To,  
Take it Smart Pvt Ltd.,  
Bangalore.

Dear Sir,

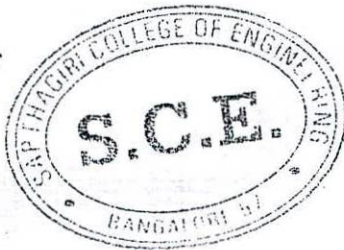
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Shilpa S	1SG20EC411
2	Ms. Kavana T R	1SG19EC043
3	Ms. Nanditha G	1SG20EC405

Further, the said students are permitted to undergo internship training from 14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**NANDITHA G**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IoT**

From **14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



Mallikarjun Kumbar  
Director

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hosur Road  
Bengaluru - 560 040



From

Nikhil.S.S

8'A' ECE

ISG20EC406

Sapthagiri college of Engineering  
Bangalore - 57

To

The Principal

Sapthagiri college of Engineering  
Bangalore - 57

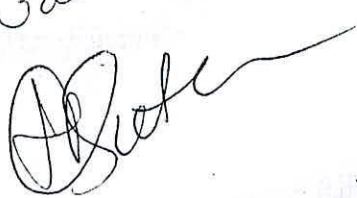
Respected Sir,

Subject :- Requesting for Internship permission

As I mentioned above, I am willing to do the  
Internship at Take It Smart PVT LTD Starting from  
14/02/23 to 16/03/23 kindly permit permission without  
disturbing the class  
Thanking you

Yours faithfully

Nikhil.SS  
[ISG20EC406]

Forwarded  


  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057



Ref. No. SCE/Rec/6997/2022-23

13<sup>th</sup> February 2023

To,  
Take It Smart (OPC) pvt ltd.,  
Vijayanagar, Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Mr. Praveen B	1SG20EC407
2	Mr. Sachin M J	1SG20EC409
3	Mr. Nikhil S S	1SG20EC406

Further, the said students are permitted to undergo internship training from 14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **NIKHIL S S**

Dear Mr/Mrs. : **NIKHIL S S**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 14<sup>th</sup> February 2023. You will be working on project development **Embedded System & IOT**. Your assignment concludes on March 16<sup>th</sup> 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6574/2022-23

30<sup>th</sup> September '2022

To  
The Manager,  
Incap Pvt. Ltd.  
Tumkur.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E. in Electronics and Communication Engineering course in the academic year 2022 - 23.

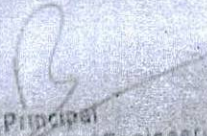
Sl. No.	Name	USN NO.
1	Mr. Vijayashree	1SG19EC114
2	Mr. Gowtham S Magar	1SG20EC400
3	Mr. Lakshminisha J P	1SG20EC403
4	Mr. Sandeep O	1SG20EC410
5	Mr. Praveen B	1SG20EC407

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.


They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bengaluru - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA.  
Tel : 2837-2800 / 01 / 02 / 03, 2313 0583 Fax : 080-2837-2797, E-mail : principal@sapthagiri.edu.in  
Web : www.sapthagiri.edu.in

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



30/9/22  
few more  
paid

Yours obediently

Thank you

I am ~~humble~~ J.P. speaking USN: 19205C403 ECI 7th  
A' Section I am requesting permission to attend  
internship at Incape Pvt from October 1st to October 3rd.  
So I request you to give permission to attend.

Subject: Requesting Permission for internship

Respected Sir,

Bangalore - 57

The Head of the department  
ECI 7th and communication eng  
Sapthagiri College of engineering  
Bangalore - 57

To :

Bangalore - 57

Sapthagiri College of engineering

ECI 7th SEN A' Section

19205C403  
J.P. speaking





06 November 2023

**TO WHOMSOEVER IT MAY CONCERN**

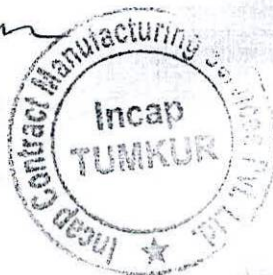
This is to certify that Ms. LAKSHMISHA J P (1SG20EC403)BE in Electronics and Communication Engineering, Sapthagiri College Of Engineering Bangalore. Has successfully completed INTERNSHIP in our organization from 1<sup>st</sup> September to 30<sup>th</sup> September 2022.

We wish him all the best and success in his future endeavors.

**For InCap Contract Manufacturing Services Private Limited.**

  
PRASANNA S V

Leader H R



  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 067

InCap Contract Manufacturing Services Pvt. Ltd.

Factory : Survey No. 74/2B, Panduram, 10th Mile, HSR Layout,  
Bangalore - 560 078

Regd. Off & HQ: Sapthagiri, 3rd Floor,

No. 18, Cunningham Road,

Bangalore - 560 052.

TEL: 081 26 06 0101, 081 26 06 0102



From,

Date: 28/02/2023

Haushikha. H. B.,

E.C.E 8th Sem,

Sapthagiri college of Engineering.

To,

Dr. H.C. Gateesh Kumar

HOD

E.C.E department.

Sapthagiri college of Engineering

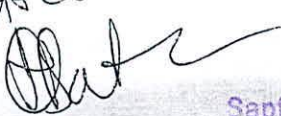
Respected Sir,


Sub: Permission to do internship.


Please allow me and my classmates listed below to do internship in Take. it Smart from 28/02/2023 to 31/03/2023, without disturbing the academics.

1. Chandanika. D - 15E19EC023
2. Gauripenya R - 15E19EC033
3. Haushikha. H. B. - 15E19EC037
4. Vaishini. V. - 15E19EC109
5. Meghana. H. P - 15E19EC404
6. Pushpalatha. K. R - 15E19EC408.

Thank you,

Permitted  


  
 Principal  
 Sapthagiri College of Engineering  
 14/5, Chikkasandra, Hosurghat, Main Road  
 Bengaluru - 560 057

Yours sincerely  






# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7052/2022-23

28<sup>th</sup> February 2023

To,  
Take It Smart Pvt Ltd.,  
Vijayanagar,  
Bangalore - 560040.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022-2023.

SL No	Name	USN
1	Ms. Chandrika D	ISG19EC023
2	Ms. Gouri Priya R	ISG19EC033
3	Ms. Harshitha H G	ISG19EC037
4	Ms. V Varshini	ISG19EC109
5	Ms. Meghana H P	ISG20EC404
6	Ms. Pushpalatha K R	ISG20EC408

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 31st March 2023, without disturbing the academics.  
Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA,  
Ph: 080-28372600, 23130583, Fax: 08028372797  
Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **Meghana H P**

Dear **Mrs. Meghana H P**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 28<sup>th</sup> Febraury 2023. You will be working on project development **MACHINE LEARNING USING PYTHON** Your assignment concludes on March 31st 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 067

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040<sup>wn</sup>,  
Bengaluru, Karnataka - 560 064.



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
[www.takeitsmart.in](http://www.takeitsmart.in)

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**MEGHANA H P**

**SAPTHAGIRI COLLEGE OF ENGINEERING**

Student of \_\_\_\_\_

**Machine Learning Using Python**

Has completed Internship in \_\_\_\_\_

**28<sup>th</sup> February 2023 to 31<sup>st</sup> March 2023**

From \_\_\_\_\_

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



Principal  
Sapthagiri College of Engineering  
13/5, Chikkasandra, Hesarahalli  
Bengaluru - 560 040

Mallikarjun Kumbar  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

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(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE,CSE,ISE,ME,EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7051/2022-23

28<sup>th</sup> February ' 2023

To  
Takeit smart Pvt. Ltd.,  
Vijayanagar,  
Bangalore – 560040.

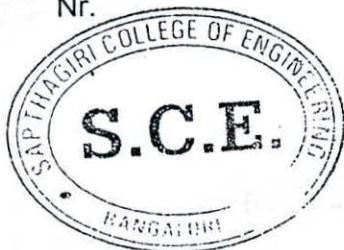
Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Harshith V	1SG20EC401
2	Mr. Suhas S	1SG20EC412

Further, the said student has undergone industrial/internship training from 28<sup>th</sup> January' 2023 to 28<sup>th</sup> February' 2023. Their character and conduct is satisfactory.

Nr.



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057



From,

Harshith V

18G20FE401

Sapthagiri College of Engineering  
Bangalore - 560057

Date: 14/02/2023

Place: Bangalore

To,

The HOD

Department of ECE

SCE, Bangalore

Respected Sir,

Subject: Request to attend internship

With respect to above subject, I want to do internship at  
"Take it smart" Bangalore from 18/01/2023 to 18/02/2023 so, I kindly  
request your permission to attend the same without disturbing  
regular classes. (online)

Thanking you

Your obedient student

Harshith V

nodia  
5/2/23  
forwarded  
Aves

B  
27/2/23

B

Principal

Sapthagiri College of Engineering  
10/5, Chikkasandra, Hasaraghatta Main Road  
Bangalore - 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **HARSHITH V**

Dear Mr/Mrs. **HARSHITH V**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 28<sup>th</sup> January 2023. You will be working on project development **EMBEDDED SYSTEM AND IOT**. Your assignment concludes on February 28<sup>th</sup> 2023.

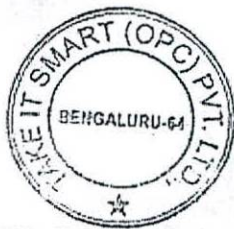
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*Handwritten signature*

*Handwritten signature*

Principal  
Sapthagiri College of Engineering  
145, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14, SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**HARSHITH V**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IoT**

From **28<sup>th</sup> January 2023 to 28<sup>th</sup> February 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



#startupindia



Mallikarjun Kumbar  
Director

*[Signature]*  
Principal  
Sapthagiri College  
145, Chikkasandra, Bangalore



From,

HONNESH BABU.P.N

ISEY20EC402

ECE - 8B

Sapthagiri college of engineering  
Bangalore - 57

date - 11/02/2023

TO,

~~Head of the department (ECE)~~  
Principal  
Sapthagiri college of engineering  
Bangalore - 57

Respected Sir,

I Honnesh babu.p.n of ECE 8B writing the letter asking for permission to attend online internship by take it smart (opc) Pvt Ltd starting from 20/01/2023 to 20/02/2023 Hence I request you to grant permission to attend the internship ending on

Thanking you

Yours obediently  
HONNESH BABU.P.N

HONNESH BABU  
(ISEY20EC402)

Forwarded  
Principal  
Sapthagiri College of Engineering  
115, Chikkasandra, Hebbalahalli Main Road  
Bangalore - 560 057

Noted  
P  
11/2/23.



Ref. No. SCE/Rec/6994/2022-23

13<sup>th</sup> February 2023

To,  
Take It Smart (OPC) pvt ltd.,  
Vijayanagar, Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Mr. Prathik R Gowda	1SG19EC063
2	Mr. R Kishore	1SG19EC070
3	Mr. Honnesh Babu P N	1SG20EC402

Further, the said students are permitted to undergo internship training from 20<sup>th</sup> January 2023 to 20<sup>th</sup> February 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



*Principal*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*Principal*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **HONNESH BABU P N**

Dear Mr/Mrs. **HONNESH BABU P N**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 20<sup>th</sup> January 2023. You will be working on project development **EMBEDDED SYSTEM AND IOT**. Your assignment concludes on February 20<sup>th</sup> 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/15 Chikkasandra, Hesaraghatta Main Road

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No.: 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**HONNESH BABU P N**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IoT**

From **20<sup>th</sup> January 2023 to 20<sup>th</sup> February 2023**

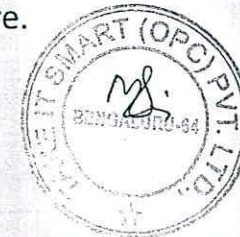
we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosurpetta Main Road  
Bengaluru - 560 040



**Mallikarjun Kumbar**  
Director





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6581/2022-23

3<sup>rd</sup> October 2022

To,  
Sain Informatix Pvt Ltd.,  
Bangalore.

Dear Sir,

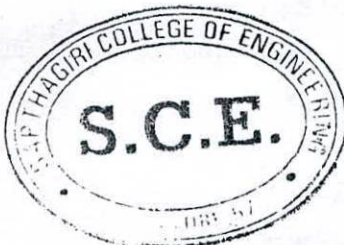
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Sneharani U	1SG19EC097
2	Ms. Sushma B O	1SG19EC103
3	Ms. Thanushree G	1SG19EC108
4	Ms Yamuna A C	1SG19EC118

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr

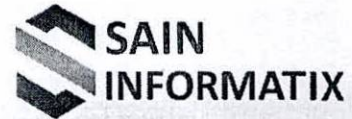


Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



# INTERNSHIP OFFER LETTER



Date: 1<sup>st</sup> October, 2022

Name: Yamuna A C  
USN: 1SG19EC118

Dear Student,

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Sain Informatix Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!.

Sincerely,

Santhu  
**Product Manager**  
SAIN INFORMATIX PVT LTD  
Bangaluru, India

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosareghatta Main Road  
Bangaluru - 560 057





## CERTIFICATE OF INTERNSHIP

This is to certify that **Yamuna A C** whose USN is **1SG19EC118**, has completed their **Full Stack Web Development** Internship organised and handled by **Sain Informatix Pvt Ltd** from **1<sup>st</sup> October, 2022** to **31<sup>st</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Watsonisite- Information about Crypto Website**. This project was aimed at creating fully-fledged functional **web template(s)** for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

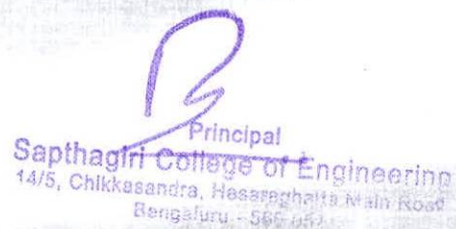
During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.



**SAIN INFORMATIX PVT LTD**

1122, Cellar Floor, Service Road

Hampi Nagar, Bengaluru



[www.saininformatix.tech](http://www.saininformatix.tech)

[info@saininformatix.tech](mailto:info@saininformatix.tech)



Yamuna A.C

15419EC118

1<sup>st</sup> Sem EC 'B' Sec

Saptagiri College of Engineering

Bengaluru

The Head of department

ECE

Saptagiri College of Engineering

Bengaluru

Respected Sir,

Subject: Requesting to attend internship

With respect to above subject, I am willing to do internship through Take it easy engineers at

Scin in formatix from 23<sup>rd</sup> August to 23<sup>rd</sup> September (online) I kindly request to grant the permission.



Thanking you,

Yours faithfully

Yamuna A.C

Date: 29/09/2022  
Place: Bengaluru

94806  
36000  
58806 due  
paid on 30/9/22  
8.1.122

No due  
29/9/22  
Principal  
Saptagiri College of Engineering  
14/5, Chikkasandra, Hebbal, Bengaluru - 560 087





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/6651/2022-23

15<sup>th</sup> October 2022

To,  
Techno Carve Solutions Limited,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Mr. Vijayakumar S N	1SG19EC113
2	Mr. Gowtham S Magar	1SG20EC400

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

Gowtham. S. Magar  
1SG20 EC 400.

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057 KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**GOWTHAM S MAGAR (USN-1SG20EC400)**

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of XOR using NAND Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chirkagallu, Bengaluru  
Bengaluru - 560 073

*[Signature]*  
Ashwini DM

Head - Training Programs



From,

Growthom S. Magar

15620 EC 400

ECE 7<sup>th</sup> B sec

Sapthagiri college of engineering

Bangalore - 57

To,

The Principal

Sapthagiri college of Engineering

Bangalore - 57

Respected Sir,

Subject:- Requesting permission to attend internship

I am ~~the~~ Growthom S. Magar bearing USN: 15620EC400

ECE, 7<sup>th</sup> sem B sec. I am requesting permission to

attend internship at Techno curve sol solutions limited

from October 1<sup>st</sup> to October 31<sup>st</sup>. So I request you to

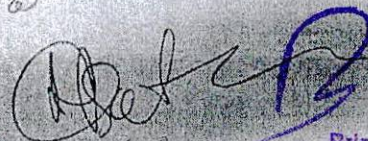
give permission to attend the same.

Thank you

yours obediently

Growthom S. Magar

forwarded



Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Near ... Road  
Bangalore - 57



from  
Yashaswini.S

18G19EC120

ECE - 7B

Sapthagiri College of Engineering  
Bangalore - 57

To,

Head of Department  
Sapthagiri College of Engineering  
Bangalore - 57.

Respected sir

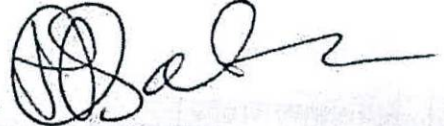
Subject : Request for permission to attend internship

I Yashaswini.S of EC 7B section writing  
this letter asking for permission to attend internship  
by Varcons technologies Pvt Ltd Machine learning with Python  
starting from 01-10-2022 to 31-10-2022.  
(online from 6:30 pm to 8:30 pm). Hence I request

Thank you,

Yours obediently  
Yashaswini.S

Yash

forwrded  


no dues

  
29/9/22

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)  
(Accredited by NAAC with "A" Grade)  
(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6609/2022-23

10<sup>th</sup> October 2022

To,  
The Varcons Technologies Pvt Ltd.,  
Bangalore - 56000 .

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in  
Electronics & Communication Engineering Course in the academic year 2022 - 23.

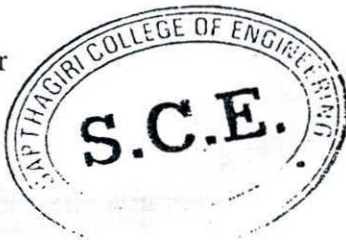
SL. No	Name	USN No
1	Ms. Sindhu S	1SG19EC095
2	Ms. Vismaya B V	1SG19EC117
3	Ms. Yashaswini S	1SG19EC120

Further, the said students are Permitted to undergo industrial/internship training  
from 1<sup>st</sup> October' 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Jr



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru - 560 057

*Principal*  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





Varcons Technologies Pvt Ltd

Date: 29<sup>th</sup> September, 2022

Name: Yashaswini S

USN: 1SG19EC120

Dear Student,

We would like to congratulate you on being selected for the **Machine Learning With-Python(Research Based)** Internship position with **Varcons Technologies Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Machine Learning With Python(Research Based)** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Spoorthi H C

Director

VARCONS TECHNOLOGIES PVT LTD

213, 2nd Floor,

18 M G Road, Ulsoor,

Bangalore-560001

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057





**Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **Yashaswini S** whose USN is **1SG19EC120**, has completed their **Machine Learning With Python(Research Based)** Internship organised and handled by **Varcons Technologies Pvt Ltd** from **1<sup>st</sup> October, 2022** to **31<sup>st</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Lip to Speech synthesis**, As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



*[Signature]*  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



VARCONS TECHNOLOGIES PVT LTD

213, 18 M G Road, Ulsoor, Bangalore-560001

[www.varconstech.com](http://www.varconstech.com)

[contact@varconstech.com](mailto:contact@varconstech.com)

This certificate was generated using CERTIEFY.COM



From

Vismaya, B.V

IS&I9EC117

ECE 7 'B'

Sapthagiri college of Engineering  
Bangalore - 57

29/9/22

To

Head of Department

Sapthagiri college of Engineering  
Bangalore - 57

Respected Sir

Subject: Request for permission to attend internship.

I Vismaya, B.V of EC 7B writing this letter asking  
for permission to attend internship by Varcon's technologysol  
Hd'on Machine learning with Python starting from 09/10/2022

to 30/10/2022. Hence I request you to grant permission  
to attend the internship from 6:30 pm to 8:30 pm (online)

Thanking You

Yours Obediently

VISMAYA, B.V

Is

IS&I9EC117

No. 100

29/9/22





Ref. No. SCE/Rec/6609/2022-23

10<sup>th</sup> October 2022

To,  
The Varcons Technologies Pvt Ltd.,  
Bangalore - 56000 .

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in  
Electronics & Communication Engineering Course in the academic year 2022 - 23.

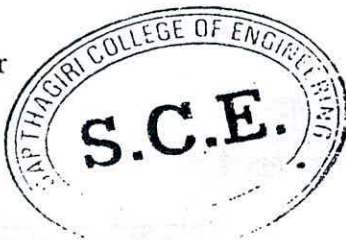
SL. No	Name	USN No
1	Ms. Sindhu S	1SG19EC095
2	Ms. Vismaya B V	1SG19EC117
3	Ms. Yashaswini S	1SG19EC120

Further, the said students are Permitted to undergo industrial/internship training  
from 1<sup>st</sup> October' 2022 to 31<sup>st</sup> October 2022.


Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





Date: 29<sup>th</sup> September, 2022

Name: **Vismaya B V**

USN: **15G19EC117**

Dear Student,

We would like to congratulate you on being selected for the **Machine Learning With-Python(Research Based)** Internship position with **Varcons Technologies Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Machine Learning With Python(Research Based)** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Spoorthi H C

**Director**

VARCONS TECHNOLOGIES PVT LTD

213, 2nd Floor,

18 M G Road, Ulsoor,

Bangalore-560001

  
Principal,  
Sapthagiri College of Engineering  
445, Chikkasandra, Hosuranketta Main Road  
Bangalore - 560 007





**Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **Vismaya B V** whose USN is **1SG19EC117**, has completed their **Machine Learning With Python(Research Based)** Internship organised and handled by **Varcons Technologies Pvt Ltd** from **1<sup>st</sup> October, 2022** to **31<sup>st</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Lip to Speech synthesis**, As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



213

18 M G Road, Ulsoor, Bangalore-560001

  
Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

[www.varconstech.com](http://www.varconstech.com)

[contact@varconstech.com](mailto:contact@varconstech.com)

This certificate was generated using CERTIEFY.COM



# **SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6559/2022-23

29<sup>th</sup> September '2022

To,  
The HR Manager.  
Take It Smart (OPC) Pvt. Ltd.,  
Bangalore,

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

S.L. No	Name	USN No.
1	Ms. Varsha M	1SG19EC112
2	Ms. Taranum Banu	1SG19EC107
3	Ms. Vinutha M J	1SG19EC116

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October' 2022 to 1<sup>st</sup> November' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

Nr.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



From  
VINUTHA M.J  
USN 1861900116  
VII Sem. ECE 'B' Sec.  
Sapthagiri College of Engineering  
Bengaluru

To,  
The Head of,  
Department of Electronics and Communication  
Sapthagiri College of Engineering.

Respected Sir,

Subject: Permission to attend Internship.

With respect to above subject, please allow me to attend the internship at Takeit Smart Pvt. Ltd from 1/10/2022 in online mode. Kindly give the permission to attend the internship. I will make sure to not miss any classes or placement activities from the College.

Thank You

Yours Faithfully  
vinutha M.J

Date: 29/09/2022  
Place: Bangalore

for received  
No due.

29/9/22

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Heasarehatta Main Road  
Bengaluru - 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**VINUTHA MJ**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **1 October 2022 to 1 November 2022**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



Mallikarjun Kumbar  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

*Principal*  
Sapthagiri College of Engineering  
Hikkasandra, Heesarahatta Road  
Bengaluru - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6566/2022-23

30<sup>th</sup> September '2022

To,  
The HR Manager.  
Aqmenz Automation Pvt. Ltd.,  
R T Nagar,  
Bangalore – 560032.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

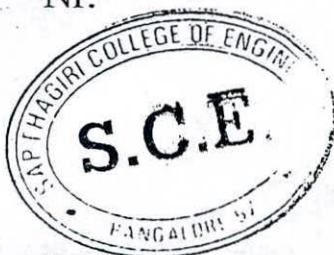
S.L. No	Name	USN No.
1	Ms. Vinutha H V	1SG19EC115
2	Ms. Vaishnavi U S	1SG19EC110

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October' 2022 to 31<sup>st</sup> October ' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

Nr.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057



From  
Vinutha H. V  
CND 19G19EC115  
VII BEM ECE B Sec  
Sapthagiri College of Engineering  
Bengaluru

To  
The Head Of Department  
Department of Electronics & Communication  
Sapthagiri College of Engineering

Respected Sir,

Subject :- requesting to attend internship

With respect to above subject, I want  
to do internship at in Machine learning  
and Python at Aarumam ~~from~~ (INDOSKILL)  
11/10/22 in online mode 21/10/2022

So I kindly request to grant permis-  
sion to attend the internship. I will  
make sure to not miss any classes or  
placement activities from college.

Thank you  
Yours faithfully  
Vinutha H. V

forward

(H. V.)

No due

29/9/22

fee 2022  
paid  
29/9/22

Date : 29/09/22

Place : Bengaluru

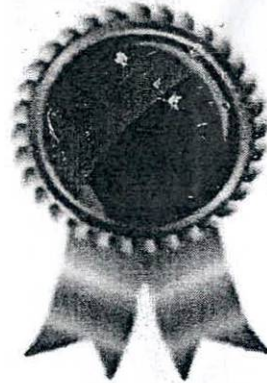
Principal  
Sapthagiri College of Engineering  
1/5, Chikkasandra, Hasaraghatta Main Road  
Bengaluru - 560 057





**Aqmenz Automation  
Private Limited**

CIN: U74999KA2018PTC117612



# CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENT TO

**Vinutha H V**

1SG19EC115

Has successfully completed Internship on **"Machine Learning & Python"**  
at **Aqmenz Automation Pvt. Ltd.** for a period of one month from 01.10.2022 to 31.10.2022 .

CERTIFICATE ISSUE NO: IN / 10221 / FY2022

**Mr Mohammed Azhar Hussain**  
Chief Technology Officer (CTO),  
AQMENZ Automation Pvt. Ltd.,  
Bangalore - 560032



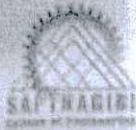
[www.indoskill.in](http://www.indoskill.in)



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bangalore - 560 057

**Mr Mohan V S**  
Chief Executive Officer (CEO),  
AQMENZ Automation Pvt. Ltd.,  
Bangalore - 560032





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (B)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with 'A' Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6574/2022-23

30<sup>th</sup> September 2022

To  
The Manager,  
Incap Pvt. Ltd.  
Tumkur.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

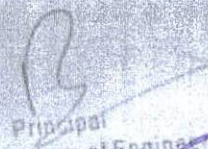
Sl. No.	Name	USN NO.
1	Mr. Vikram P	1SG19EC113
2	Mr. Gowtham S Magar	1SG20EC400
3	Mr. Lakshmisha J P	1SG20EC403
4	Mr. Sandeep O	1SG20EC410
5	Mr. Praveen B	1SG20EC407


Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA.  
Tel : 2837-2800 / 01 / 02 / 03, 2913 0583, Fax : 080-2837 2797, E-mail : principal@sapthagiri.edu.in  
Web : www.sapthagiri.edu.in



Vikram P  
13G19EC114

ECE 7<sup>th</sup> SEM 'A' Section

Sapthagiri College of engineering  
Bangalore - 5F

To :-

The head of the department  
ELECTRICAL and communication engg  
Sapthagiri College of engineering  
Bangalore - 5F.

Respected Sir,

Subject: Requesting Permission for internship.

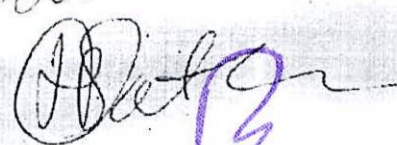
I am Vikram P bearing USN: 13G19EC114 ECE 7<sup>th</sup> Sem  
'A' Section I am requesting permission to attend  
internship at Incape Pvt from October 1<sup>st</sup> to October 31<sup>st</sup>  
so I request you to give permission to attend the

Thank you

Yours obediently

fee 2022  
Paid

4/30/22

Forwarded  


Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057



[illegible]



Date: 30/9/20  
Place: Bangalore

From

Vijayakumar SN

15G19EC113

ECE 7<sup>th</sup> sem B section

Sapthagiri college of Engineering

Bangalore - 57

To

The principal

Sapthagiri college of Engineering

Bangalore - 57

Respected sir,

Subject: Requesting permission to attend internship


I am Vijayakumar SN bearing USN: 15G19EC113 ECE 7<sup>th</sup> Sem B section. I am requesting permission to attend internship at Techno carvesolutions limited from October 1 to October 31<sup>st</sup>. So I request you to give permission to attend the same.

Thank you

Your obediently

Vijayakumar SN

Vijayakumar SN

forwarded  


  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkabandra, Hesaraghatta Main Road  
Bangalore - 560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/6651/2022-23

15<sup>th</sup> October 2022

To,  
Techno Carve Solutions Limited,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Mr. Vijayakumar S.N	1SG19EC113
2	Mr. Gowtham S Magar	1SG20EC400

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





TECHNO CARVE

## TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MET Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

### CERTIFICATE OF COMPLETION

**VIJAYAKUMAR S N** (USN-1SG19EC113)

Has successfully completed VLSI INTERNSHIP PROGRAM in

**Design of SR Latch using NAND Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



Ashwini DM

Head - Training Programs

Principal  
Sapthagiri College of Engineering  
4th, Chikkasandra, Hebbaghatta main road  
Bengaluru - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6559/2022-23

29<sup>th</sup> September '2022

To,  
The HR Manager,  
Take It Smart (OPC) Pvt. Ltd.,  
Bangalore,

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

S.L. No	Name	USN No.
1	Ms. Varsha M	1SG19EC112
2	Ms. Taranum Banu	1SG19EC107
3	Ms. Vinutha M J	1SG19EC116

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October' 2022 to 1<sup>st</sup> November' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

Nr.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesara  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



From,

Varsha . M

15619.EC112

VII<sup>th</sup> sem ECE 'B' sec

Sapthagiri College Of Engineering  
Bengaluru

To,

The Head Of Department,  
Department of Electronics and Communication  
Sapthagiri College Of Engineering  
Bengaluru.

Respected Sir,

Subject :- Permission to attend Internship.

With respect to above subject please allow me to attend the internship at Take it smart, pvt. ltd. from 1/10/2022 in online mode. Kindly give the permission to attend the internship. I will make sure to not to miss any classes or placement activities from the college during this period.

Thank You

Yours faithfully

Varsha . M

Date : 29/09/2022

Place : Bangalore

forwarded

fee paid No due

29/9/22

Principal  
Sapthagiri College of Engineering  
14/5, Chikresandra, Heasarghatta Main Road  
Bengaluru - 560 057

29/9/22





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**VARSHA M**

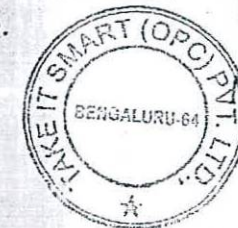
Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **1 October 2022 to 1 November 2022**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.

*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heasarahatta Main Road  
Bengaluru - 560 037



**Mallikarjun Kumbhar**  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



From,  
Vandhana.S

7th Sem A Sec

Sapthagiri College of Engineering  
Bangalore - 560057

To,

The Principal

Sapthagiri College of Engineering  
Bangalore - 560057

Subject: Requesting for permission letter to do internship

As the above mentioned subject, I request you to grant permission to do internship in college and request you to given permission letter for the same, starting from 1st august to 7th October at Technocare solution ltd. online and weekends

Thank you

Yours faithfully

Vandhana.S  
(Vandhana.S)

12/08/23  
J

Accepted  
Permitted

19/4/23

Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057



Ref. No. SCE/Rec/7160/2022-23

19<sup>th</sup> April'2023

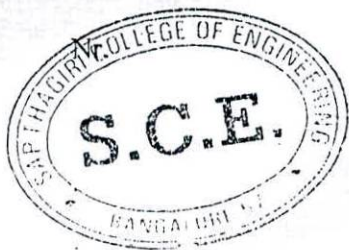
To,  
Techno Carv Solution Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics & Communication Engineering Course in the academic year 2022 - 23.

SL. No	Name	USN No
1	Ms. Bhoomika N	1SG19EC015
2	Ms. Bindhu H C	1SG19EC017
3	Ms. Inchara V	1SG19EC041
4	Ms. Latha T S	1SG19EC049
5	Ms. Vandhana S	1SG19EC111

Further, the said students have undergone industrial/internship training from 1<sup>st</sup> August' 2022 to 1<sup>st</sup> October' 2022. Their character and conduct are satisfactory.



*Principal*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*Principal 19/4/23*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**VANDHANA.S (USN-1SG19EC111)**

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of T Latch using Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
19/1, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Ashwini DM

Head - Training Programs



Ref. No. SCE/Rec/6566/2022-23

30<sup>th</sup> September '2022

To,  
The HR Manager.  
Aqmenz Automation Pvt. Ltd.,  
R T Nagar,  
Bangalore – 560032.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

S.L. No	Name	USN No.
1	Ms. Vinutha H V	1SG19EC115
2	Ms. Vaishnavi U S	1SG19EC110

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October' 2022 to 31<sup>st</sup> October ' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

Nr.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



From

Vaishnavi, U.S

USN 19GHEC110

VII SEM ECE - B'Sec

Sapthagiri College of Engineering  
Bengaluru

To

The Head of Department  
Department of Electronics and Communication  
Sapthagiri College of Engineering

Respected Sir,

Subject :- Requesting to attend internship

With respect to above subject, I want to  
do internship at Machine learning and  
Python at Aduamen from 11/01/22  
in Online mode.

So I kindly request to grant permission  
to attend the internship. I will make  
sure to not miss any classes or placement  
activities from the college.

Thank you

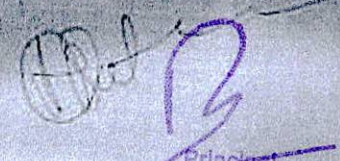
Yours faithfully  
Vaishnavi, U.S

Date : 29/09/22

Place : Bengaluru

No due forwarded

29/9/22



Principal  
Sapthagiri College of Engineering  
Chikmagalur, Hassan District, Karnataka  
Bengaluru - 560022

Received  
paid

29/9/22



15/19EC35

Date 24/02/2023

From,

Hanishtha H B.

ECE Student,

Sapthagiri College of Engineering

To,

Dr H.C. Satish Kumar

HOD

ECE department.

Sapthagiri College of Engineering

Respected Sir,

Sub: Permission to do internship

Please allow me and my classmates listed below to do internship in Tata IT Center from 26/02/2023 to 31/03/2023, without disturbing the academics

1. Chandrika D - 15E19EC023
2. Gauripriya R - 15E19EC033
3. Hanishtha H B. - 15E19EC037
4. Varshini V. - 15E19EC109
5. Meghana H P - 15E19EC404
6. Pushpalatha K R - 15E19EC208

Thank you,

Permitted  
Date

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta  
Bangalore - 560 035

Yours sincerely  
[Signature]









# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**V VARSHINI**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **28<sup>th</sup> February 2023 to 31<sup>st</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 037

Mallikarjun Kumbar  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



Ref. No. SCE/Rec/7052/2022-23

28<sup>th</sup> February 2023

To,  
Take It Smart Pvt Ltd.,  
Vijayanagar,  
Bangalore - 560040.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Chandrika D	1SG19EC023
2	Ms. Gouri Priya R	1SG19EC033
3	Ms. Harshitha H G	1SG19EC037
4	Ms. V Varshini	1SG19EC109
5	Ms. Meghana H P	1SG20EC404
6	Ms. Pushpalatha K R	1SG20EC408

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 31st March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[Info@takeitsmart.in](mailto:Info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: V Varshini

Dear Mrs. V Varshini

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 28<sup>th</sup> Febraury 2023. You will be working on project development **MACHINE LEARNING USING PYTHON** Your assignment concludes on March 31st 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Rd.  
Bengaluru, Karnataka - 560 064



14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040  
Bengaluru, Karnataka - 560 064.



TAKE IT SMART





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6581/2022-23

3<sup>rd</sup> October 2022

To,  
Sain Informatix Pvt Ltd.,  
Bangalore.

Dear Sir,

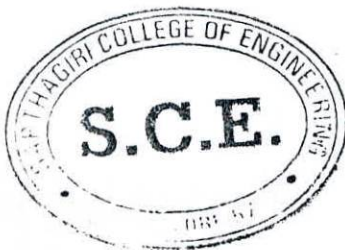
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Sneharani U	1SG19EC097
2	Ms. Sushma B O	1SG19EC103
3	Ms. Thanushree G	1SG19EC108
4	Ms Yamuna A C	1SG19EC118

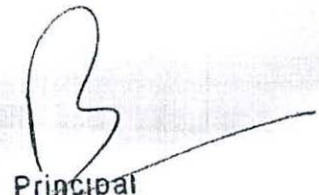
Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





## Certificate of Internship

This is to certify that **Thanushree G** whose USN is **15G19EC108**, has completed their **Full Stack Web Development** Internship organised and handled by **Sain Informatix Pvt Ltd** from **1<sup>st</sup> October ,2022** to **31<sup>st</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Watsonisite- Information about Crypto Website**. This project was aimed at creating fully-fledged functional **web template(s)** for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.



Sain Informatix Pvt Ltd  
1122, Cellar Floor, Service Ro

  
Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Heasarghatta Main Road  
Bangalore - 560 057





## Internship Offer Letter

Date: **1<sup>st</sup> October, 2022**

Name: **Thanushree G**

USN: **1SG19EC108**

**Dear Student,**

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Sain Informatix Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!.

Sincerely,

Santhu

**Product Manager**

Sain Informatix Pvt Ltd

Bangaluru, India

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasaraghatta Main Road  
Bangalore



Thamizhase. G.

15419EE108

7<sup>th</sup> sem EC 'B' sec.

Sapthagiri college of  
Engineering

The head of department  
ECE

Sapthagiri college of Engineering.

Respected sir,

Subject: Requesting to attend Internship.

With respect to above subject, I am willing  
to do Internship. through take it easy engineers  
at Sain informatix from 23<sup>rd</sup> Aug to 23<sup>rd</sup> Sep (online)  
I kindly request to grant the permission.  
1<sup>st</sup> Oct to 31<sup>st</sup> Oct

Thanking you,

Yours faithfully

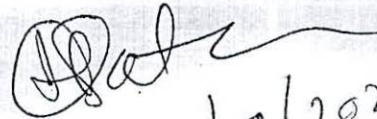
Thamizhase. G.

Date: 29/09/2022

Place: Bengaluru.


Recd 2022  
paid  
29/9/22

for warded

  
29/9/2022

Noted.

29/9/22

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaandra, Hosaraghatta Main Road  
Bengaluru - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)  
(Accredited by NAAC with 'A' Grade)  
(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6559/2022-23

29<sup>th</sup> September '2022

To,  
The HR Manager,  
Take It Smart (OPC) Pvt. Ltd.,  
Bangalore,

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.


S.L. No	Name	USN No.
1	Ms. Varsha M	ISG19EC112
2	Ms. Taranum Banu	ISG19EC107
3	Ms. Vinutha M J	ISG19EC116


Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October' 2022 to 1<sup>st</sup> November' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.



  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057



From

TARANUM BANU

USN:- 1SG19EC107

7<sup>th</sup> sem ECE B'sec

Sapthagiri College of Engineering

To

The Head of Department

Department of Electronics and Communication  
Sapthagiri College of Engineering

Respected sir;

Subject:- permission to attend internship

with respect to above subject. please  
allow me to attend the internship at  
take it smart. pvt. tel. from 1/10/2022 in  
online mode. kindly give the permission to  
attend the internship. I will make sure to  
not miss any classes & placement activities  
from the college.

Thank you  
yours faithfully  
Taranum Bannu

Date: 29/09/2022  
place: Bangalore

forwarded  
Fee paid

29/9/22

29/9/22

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 : 2015

## Internship Certificate

This Certifies that

**TARANUM BANU**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **1 October 2022 to 1 November 2022**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



Mallikarjun Kumbhar  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Principal  
**Sapthagiri College of Engineering**  
Chikkasandra, Hesareghatta Main Road,  
Bengaluru - 560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/6646 /2022-23

14<sup>th</sup> October 2022

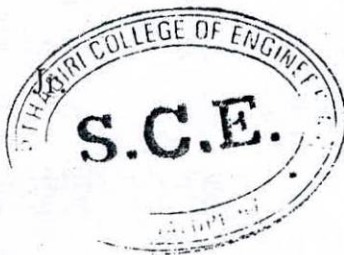
To,  
Varcons Technologies Pvt Ltd.,  
Bangalore.

Dear Sir,

This is to certify that **Mr. Swaroop S** bearing **USN :1SG19EC105** is a bonafide student of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

Further, the said student is permitted to undergo internship training from 11<sup>th</sup> October 2022 to 11<sup>th</sup> November 2022.

His character and conduct is satisfactory.



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



From,

Swaroop. S

ISG19EC105

ECE - 7B

Sapthagiri College of Engineering

Bangalore. 57

To,

Head of Department (ECE) The Principal  
Sapthagiri College of Engineering  
Bangalore-57

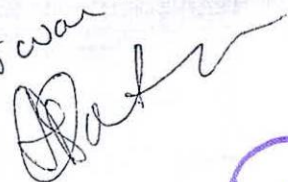
Respected Sir,

Subject : Request for permission to attend  
internship

I Swaroop S of EC 7B section writing this  
letter asking for permission to attend internship by  
'Varcon Technologies Pvt Ltd' from 11/10/2022 to  
11/11/2022, hence I request you to grant permission  
to attend internship

Thanking you,  
Yours obediently

Swaroop. S

Forwarded  




Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





**Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **Swaroop S** whose USN is **1SG19EC105**, has completed their **Java Development** Internship organised and handled by **Varcons Technologies Pvt. Ltd** from **21<sup>st</sup> October, 2022** to **24<sup>th</sup> November, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Typing speed calculator in Java**, As part of the project, They worked on different modules of company projects and demonstrated good skills in Java, J2EE, Servlets and JDBC. They also prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.



213

18 M G Road, Ulsoor, Bangalore-560001

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangaluru - 560 057

[www.varconstech.com](http://www.varconstech.com)

[contact@varconstech.com](mailto:contact@varconstech.com)

This certificate was generated using [CERTIEFY.COM](http://CERTIEFY.COM)



15/09/22

From,

Sushma. M. M

ISG19EC104

VII Sem, ECE-B,

SCE, Bengaluru

To,

The, HOD

Dept. of ECE

SCE, Bengaluru

Respected Sir,

Subject: Request to attend internship.

With respect to above subject, I want to do

internship at Intrains, Bengaluru from 19/09/22 to

20/10/22.  
So, I kindly request your permission to attend  
the same without disturbing the regular classes. (an. (the))

Thanking you

Your Obedient student

Sushma. M. M

forwarded  
[Signature]

Date: 17/09/22

Place: Bengaluru.

Recd 20/22

Paid

19/9/22

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/6548/2022-23

Dt. : 28<sup>th</sup> September ' 2022

To,  
The HR Manager,  
Intrainz,  
Jayanagarar,  
Bangalore.

Dear Sir,

This is to certify that **Ms. Sushma M M** bearing **USN : 1SG19EC104** is a bonafide student of this college studying Fourth year B.E in Electronics and Communication Engineering Course in the academic year 2022 - 2023.

Further, the said student may be permitted to undergo industrial/internship training from 19<sup>th</sup> September' 2022 to 20<sup>th</sup> October' 2022. She will be regular during the Internship and will abide by the rules of your organisation. She may be kindly permitted and obliged.

Her character and conduct is satisfactory.



*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



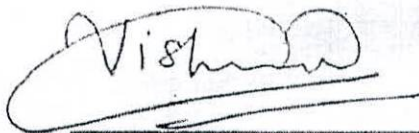


# CERTIFICATE OF INDUSTRIAL TRAINING

This certificate is proudly present to :

*Sushma MM*

For completing her Industrial Training program with the  
industry Mentors from September 1 to November 15, 2022.  
We found her performance to be commendable



Head of operations



**InTrAinz**

IGNITING A BRIGHTER FUTURE



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057





# Certificate of Internship

is proudly presented to

**Sushma M M**

This is to certify that Ms. Sushma M M has successfully completed her internship in Machine Learning from 1/9/2022 to 15/11/2022. She performed very well and we found her to be keen and enthusiastic during the program.

Head of Operations

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

( 092022aml03 )





# Certificate of Internship

is proudly presented to

## Sushma M M

This is to certify that Ms. Sushma M M has successfully completed her internship in Machine Learning from 1/9/2022 to 15/11/2022. She performed very well and we found her to be keen and enthusiastic during the program.

Head of Operations

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesareghatta Main Road  
Bengaluru - 560 057

(092022aml03)



To, The Principal  
Head of the Department (ECE)  
Sapthagiri College of Engineering  
Bengaloor-57

Date: 29-09-2022

Respected Sir

Subject: Request for permission to attend internship

I Sumanth C Gowda of ECE 7B writing this letter asking for permission to attend internship by Technocare solutions Ltd. starting from october-1-2022. Hence I request you to grant permission to attend the internship ending to 31st october 2022.

Thanking you

Yours obediently

Sumanth C Gowda [18G19EC102]

Sth. C. Gowda

forwarded

[Signature]

No due.

[Signature]  
29/9/22

[Signature]  
Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

## SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6571/2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Technocarv Solutions Ltd.,  
Bangalore.

Dear Sir,

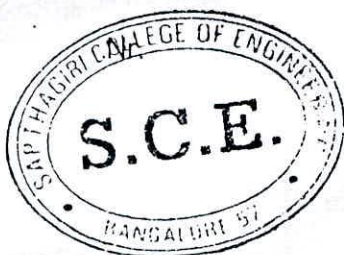
Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Rahul N	1SG19EC072
2	Mr. Rakesh L	1SG19EC076
3	Mr. Sumanth C Gowda	1SG19EC102

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**SUMANTH C GOWDA** (USN-1SG19EC102)


Has successfully completed VLSI INTERNSHIP PROGRAM in

**Design of Full Subtractor using Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuragutta Main Road  
Bengaluru - 560 087

Ashwini DM  
Head - Training Programs





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6581/2022-23

3<sup>rd</sup> October 2022

To,  
Sain Informatix Pvt Ltd.,  
Bangalore.

Dear Sir,

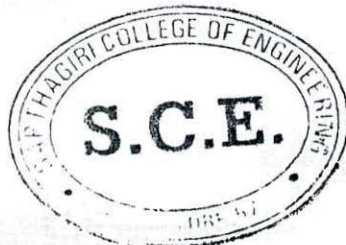
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Sneharani U	1SG19EC097
2	Ms. Sushma B O	1SG19EC103
3	Ms. Thanushree G	1SG19EC108
4	Ms Yamuna A C	1SG19EC118

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





## Internship Offer Letter

Date: **1<sup>st</sup> October, 2022**

Name: **Sushma B O**

USN: **1SG19EC103**

**Dear Student,**

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Sain Informatix Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!.

Sincerely,

Santhu

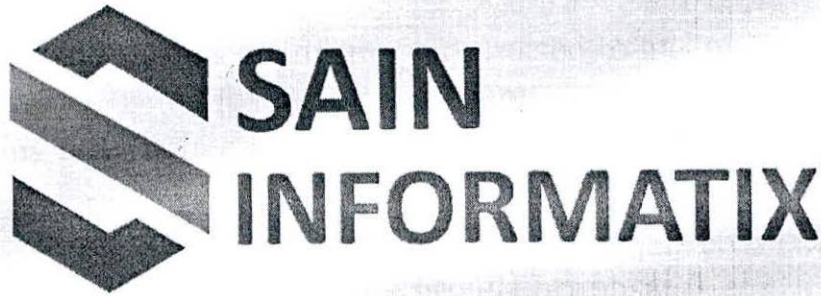
**Product Manager**

Sain Informatix Pvt Ltd

Bangaluru, India

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heasareghatta Main Road  
Bangaluru - 560 067





## Certificate of Internship

This is to certify that **Sushma B O** whose USN is **1SG19EC103**, has completed their **Full Stack Web Development** Internship organised and handled by **Sain Informatix Pvt Ltd** from **1<sup>st</sup> October, 2022** to **31<sup>th</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Watsonisite- Information about Crypto Website**. This project was aimed at creating fully-fledged functional **web template(s)** for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.



Sain Informatix Pvt Ltd  
1122, Cellar Floor, Service Road  
Hampi Nagar, Bengaluru



[www.saininformatix.tech](http://www.saininformatix.tech)  
[info@saininformatix.tech](mailto:info@saininformatix.tech)



Suhma.B.O  
15619EC103

7<sup>th</sup> sem EC1B3C

Sapthagiri college of  
Engineering.

Bengaluru

The head of department

ECE

Sapthagiri college of Engineering.

Respected sir,

Subject: Requesting to attend internship.

With respect to above subject, I am willing  
to do internship. through take it easy engineers.  
at sein in formatix ~~from 23<sup>rd</sup> Aug to 23<sup>rd</sup> Sep (online)~~  
I kindly request to grant the permission.

Thanking you, 

Yours faithfully

Suhma.B.O

No Rec.

  
Principal  
Sapthagiri College of Engineering  
14/6, Chikkabandra, Heeraghatta Main Road  
Bengaluru - 560 057

  
29/9/22

Date: 29/09/2022  
Place: Bengaluru.

Recd 2022  
paid  
29/9/22





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION


**SUMANA M** (USN-1SG19EC101)

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of Half Subtractor using Basic Gates with  
Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraiahpete Main Road  
Bengaluru - 560 087

  
Ashwini DM  
Head - Training Programs







Form,  
SUCHARITHA M.G.

USN: 1SG19EC100.

VII Sem. EEE BSec.

Sapthagiri College of Engineering.  
Bengaluru

ISN 19EC100

To,  
The Head of Department ~~Principal~~  
Department of Electronics and Communication  
Sapthagiri College of Engineering.

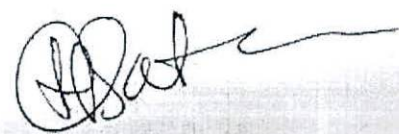
Respected Sir,

Subject :- Requesting to attend internship

With respect to above subject, I want to do internship  
at Intrax, Bengaluru from 29/09/2022 (online) to 29/10/2022  
So, I kindly request <sup>grant</sup> your permission to attend the same.


Thanking you,

Yours faithfully,  
Sucharitha M.G.

forwarded  


Date: 29/09/2022

Place: Bengaluru.

  
J.R. Gioriah  
Principal  
29/9/22

See  
File  
No  
doc.

fees 2022  
paid

29/9/22

  
Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/6553/2022-23

30<sup>th</sup> September 2022

To,  
Intrainz.  
Bangalore.

Dear Sir,


This is to certify that Ms. Sucharitha M G bearing USN :1SG19EC100 is a bonafide student of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

Further, the said student is permitted to undergo internship training from 29<sup>th</sup> September 2022 to 29<sup>th</sup> October 2022.

Her character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560 057

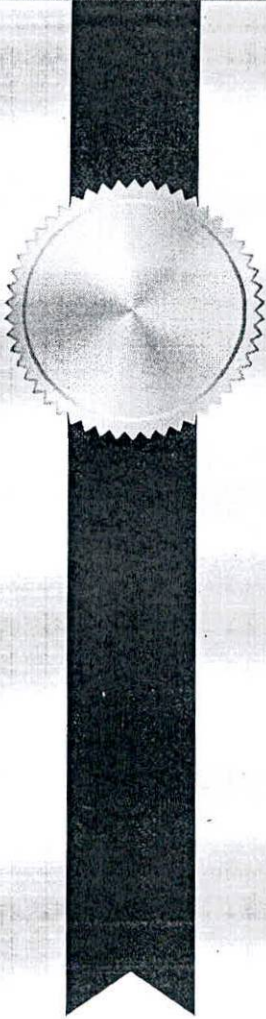

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





# CERTIFICATE OF INDUSTRIAL TRAINING

This certificate is proudly present to :

*Sucharitha MG*

---

For completing her Industrial Training program with the  
industry Mentors from September 29 to October 29, 2022.  
We found her performance to be commendable




Head of operations



**InTrAinz**

IGNITING A BRIGHTER FUTURE



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057





# Certificate of Internship

is proudly presented to

## Sucharitha MG

This is to certify that Ms. Sucharitha MG  
has successfully completed her internship in Machine Learning from  
29/09/2022 to 29/10/2022. She performed very well and we found her to be  
keen and enthusiastic during the program.

A handwritten signature in black ink, appearing to read 'Vishnu', is written over a horizontal line.

Head of Operations

A handwritten signature in purple ink is written over a horizontal line.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 057

(092022aml56)





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6584/2022-23

3<sup>rd</sup> October '2022

To,  
The HR Manager.  
Varcons Technologies Pvt. Ltd.,  
M G Road,  
Bangalore – 560001.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

S.L. No	Name	USN No.
1	Mr. Shreyas G Raj	1SG19EC093
2	Mr. S M Faraz Hussain	1SG19EC096
3	Mr. Subhash B S	1SG19EC099

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October ' 2022 to 30<sup>th</sup> October ' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

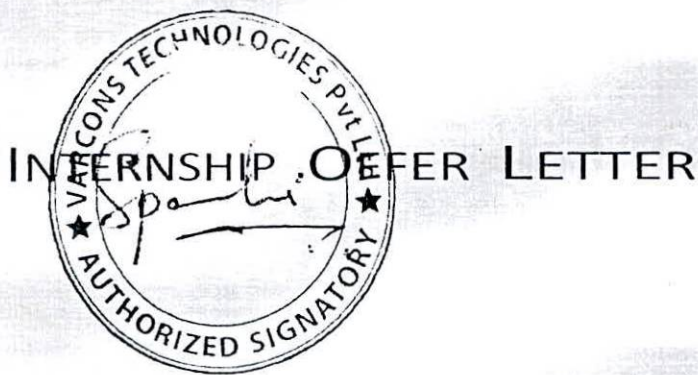
Nr.



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





Date: 29<sup>th</sup> September, 2022

Name: Subhash BS

USN: 1SG19EC099

Dear Student,

We would like to congratulate you on being selected for the **Machine Learning With-Python(Research Based)** Internship position with **Varcons Technologies Pvt Ltd**, effective Start Date 1<sup>st</sup> October, 2022, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Machine Learning With Python(Research Based)** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Spoorthi H C

Director

VARCONS TECHNOLOGIES PVT LTD

213, 2<sup>nd</sup> Floor,

18 M G Road, Ulsoor,

Bangalore-560001

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





**Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **Subhash BS** whose USN is **1SG19EC099**, has completed their **Machine Learning With Python(Research Based)** Internship organised and handled by **Varcons Technologies Pvt Ltd** from **1<sup>st</sup> October, 2022 to 30<sup>th</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Stockport - Predictive Sentiment Analysis**, As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate,



2137  
18 M G Road, Ulsoor, Bangalore-560001

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

contact@varconstech.com

This certificate was generated using



From

SUBHASH BS

15U19EC099

ECE - TB

Sapthagiri college of engineering

Bangalore 57

To

Head of department (ECE)

Sapthagiri college of engineering

Bangalore 57

Respected Sir

Subject : Request for permission to attend internship

I Subhash BS of EC TB section writing this letter asking for permission to attend internship by ~~various~~ ~~comsoft~~ technologies on Machine learning with Python starting from 01-10-2022. Hence I request you to grant permission to attend the Internship till 30-10-2022 from 6:30pm to 8:30pm. He maybe permitted to attend internship without disturb the class.

Thanking you

Yours obediently

SUBHASH BS

Subhash BS

15U19EC099

Recd  
Receipt has been  
collected

[J.R. Giniath]  
Principal

Principal  
Sapthagiri College of Engineering  
475, Chikkabandla, Hosur - 560022  
Bangalore - 57





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6561/2022-23

29<sup>th</sup> September '2022

To,  
The HR Manager.  
Bharath Electronics Ltd.,  
Bangalore,

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

S.L. No	Name	USN No.
1	Mr. Srinivas N Kaushik	1SG19EC098
2	Mr. Sai Ganesh C S	1SG19EC084
3	Mr. Sagar A	1SG19EC083

Further, the said students may be permitted to undergo industrial/internship training.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

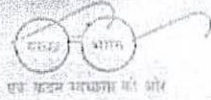
Nr.



*(Signature)*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*(Signature)*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





भारत इलेक्ट्रॉनिक्स लिमिटेड  
BHARAT ELECTRONICS LIMITED

THE PRINCIPAL,  
SAPTHAGIRI COLLEGE,  
OF ENGINEERING,  
BANGALORE-560057.

भारत इलेक्ट्रॉनिक्स लिमिटेड  
(भारत सरकार का स्वयंसेवक, रक्षा मंत्रालय)  
जालहल्ली पोस्ट, बेंगलूरु - 560 013, भारत  
BHARAT ELECTRONICS LIMITED  
(A Govt. of India Enterprise, Ministry of Defence)  
Jalahalli Post, BENGALURU - 560 013, India

फोन / Phone :  
फैक्स / Fax :  
ईमेल / E-mail :

08022195323

1410/CLD/IR/2022-23/27/537  
18<sup>TH</sup> NOV 2022

Dear Sir/Madam,

Sub: Internship permission

With reference to your request, we are permitting the following student/s of your institute to carry out the Internship for a period of 30 days. In this regard, the student/s may be advised to report at "BHONGIRANA", CLD at 9:00 AM on Monday / Wednesday for commencing the Internship.

INTERNSHIP ID	STUDENT NAME	COURSE
537	SRINIVAS N KAUSHIK	BE

**INTERNSHIP ALLOTMENT:** Student will be assigned a Internship by the guide of the SBU concerned.

**PHOTOGRAPHS FOR IDENTITY BADGE:** Student should bring two stamp size photo for arranging the identity badge by our security department. Also, student should bring college ID for identification.

**DISCIPLINE:** Student must adhere to the company timings (incoming, outgoing and lunch break etc.) applicable in the place of posting. Extension of Internship period will not be granted. Hence, the student must complete the Internship within the stipulated time. Student is requested to wear formal dress only.

**Note:**

1. Student should come with COVID Vaccination Certificate (2 dose).
2. Student is not permitted to carry mobile phones, CD's and pen drives during the course of Internship in BEL. No accommodation and transport will be provided. Canteen facility is available on chargeable basis.
3. Students are required to submit the police verification letter from the concerned authority at the time of reporting.


Thanking You,

Yours faithfully,

For BHARAT ELECTRONICS LIMITED

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikmagalur, Haverghatta Main Road,  
Bangalore - 560 057

(AUTHORISED SIGNATURE)

  
सुजाता फ्रांसिस  
SUJATHA FRANCIS

पंजीकृत एवं कॉर्पोरेट ऑफिस : नागवारा, आउटर रिंग रोड, बेंगलूरु - 560 045, भारत  
Reg. & Corporate Office : Nagavara, Outer Ring Road, Bengaluru - 560 045, India  
सी आई एन / CIN : L32309KA1954GOI000787



## CENTRE FOR LEARNING AND DEVELOPMENT

BHARAT ELECTRONICS LIMITED  
(A Govt. of India Enterprise, Ministry of Defence)  
Jalahalli Post, Bengaluru - 560 013, India

# Certificate

This is to certify that

Sri./Smt/Kum. SRINIVAS N. KAUSHIK .....

RefNo. 1410/CLD/HR/2022-23/27/537 .....

student of... SAPTHAGIRI COLLEGE OF .....

ENGINEERING - BANGALORE .....

carried out Project Work/Internship on .....

OVERVIEW OF MIL.COM .....

in... MILITARY COMMUNICATION .....

SBU/CSG of BEL, Bengaluru from... 06 FEB 2023 .....

to... 07 MAR 2023 .....

He/She was regular and punctual in his/her attendance  
and his/her conduct was satisfactory during the period.

Project/Internship Guide

Date : 7/3/23

Place : Bengaluru

ಬೆಂಗಳೂರು ಮಧುಸೂದನ್ ಡಿವಿ  
BANTUPALLI MADHUSUDAN DEO  
213440, ಮೇಧಕ / Manager  
ಎಸ್ ಸಿ ಐ / ಡಿ ಎಸ್ / MCE / TS

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hebbal, 7th Main Road  
Bengaluru - 560 057

Head (HR/CLD)

ಸುಜಾತಾ ಫ್ರಾನ್ಸಿಸ್ / SUJATHA FRANCIS  
ಮೇಧಕ (ಎಂ. ಸಿ / ಸಿ. ಎಲ್. ಡಿ)  
MANAGER (HR/CLD)  
ಭಾರತ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಲಿಮಿಟೆಡ್  
BHARAT ELECTRONICS LTD.





**SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)**  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6581/2022-23

3<sup>rd</sup> October 2022

To,  
Sain Informatix Pvt Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Sneharani U	1SG19EC097
2	Ms. Sushma B O	1SG19EC103
3	Ms. Thanushree G	1SG19EC108
4	Ms Yamuna A C	1SG19EC118

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangaluru - 560 057

*B*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





# Internship Offer Letter

Date: 1<sup>st</sup> October, 2022

Name: **Sneharani U**

USN: **1SG19EC097**

Dear Student,

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Sain Informatix Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Santhu

Product Manager

Sain Informatix Pvt Ltd

Bangaluru, India

  
Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hosangal  
Bengaluru





## Certificate of Internship

This is to certify that **Sneharani U** whose USN is **1SG19EC097**, has completed their **Full Stack Web Development** Internship organised and handled by **Sain Informatix Pvt Ltd** from **1<sup>st</sup> October, 2022** to **31<sup>st</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Watsonisite- Information about Crypto Website**. This project was aimed at creating fully-fledged functional **web template(s)** for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.



Sain Informatix Pvt Ltd

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaasandra, Hosuraghatta Main Road  
Bengaluru - 560 057



Sneharani U

15919EC097

7<sup>th</sup> Sem EC 'B' sec

Sapthagiri College of Engineering  
Bengaluru

The Head of department  
ECE

Sapthagiri College of Engineering  
Bengaluru

Respected Sir,

Subject: Requesting to attend internship

With respect to above subject, I am  
willing to do intership through Take it easy engineers  
at Sain informatix from <sup>October 1<sup>st</sup></sup> ~~23rd~~ <sup>31<sup>st</sup> October</sup> ~~23rd~~ <sup>31<sup>st</sup> October</sup> ~~September~~ (Online)  
I kindly request to grant the permission.

Thanking you,

Yours faithfully

Sneharani U


Date:

Place: Bengaluru.



J.R. GIRISH  
Principal

See  
paid  
No due.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 037



From

M FARAZ HUSSAIN

419EC096

E 'B'

Sapthagiri College of Engineering

Sept 2022

To,

Head of Dept (ECE)

Sapthagiri College of Engineering

Respected Sir,

Subject: Request for permission to attend internship.

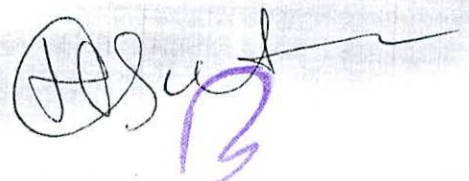
I FARAZ of EC 7B section writing this letter asking for permission to attend internship by <sup>Vaicon</sup> ~~compro~~ <sup>analogues</sup> on machine learning with python starting from 1st 10/2022. Hence I request you to grant permission to attend Internship till 30-10-2022 from 6.30pm to 8.30pm.

Thanking You

Yours Obediently

M Faraz Hussain

forwinded



Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, H  
Bengaluru - 560 057



J.R. Girish  
Director

See  
paid  
no due.





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6584/2022-23

3<sup>rd</sup> October '2022

To,  
The HR Manager.  
Varcons Technologies Pvt. Ltd.,  
M G Road,  
Bangalore – 560001.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

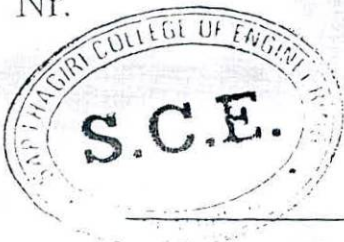
S.L. No	Name	USN No.
1	Mr. Shreyas G Raj	1SG19EC093
2	Mr. S M Faraz Hussain	1SG19EC096
3	Mr. Subhash B S	1SG19EC099

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October ' 2022 to 30<sup>th</sup> October ' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

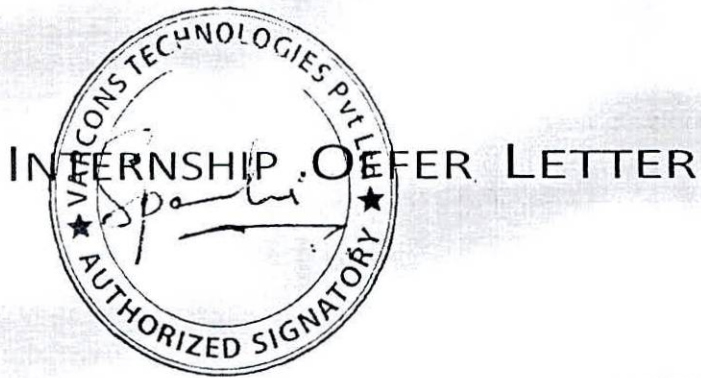
Nr.



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057





Date: 29<sup>th</sup> September, 2022

Name: **SM Faraz Hussain**

USN: **1SG19EC096**

Dear Student,

We would like to congratulate you on being selected for the **Machine Learning With-Python(Research Based)** Internship position with **Varcons Technologies Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Machine Learning With Python(Research Based)** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Spoorthi H C

**Director**

**VARCONS TECHNOLOGIES PVT LTD**  
213, 2<sup>nd</sup> Floor,  
18 M G Road, Ulsoor,  
Bangalore-560001

Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Mandresha Main Road  
Bangalore - 560 057





**Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **SM Faraz Hussain** whose USN is **1SG19EC096**, has completed their **Machine Learning With Python(Research Based)** Internship organised and handled by **Varcons Technologies Pvt Ltd** from **1<sup>st</sup> October, 2022 to 30<sup>th</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Stockport - Predictive Sentiment Analysis**, As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate,



213, 214

18 M G Road, Ulsoor, Bangalore-560001

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

[contact@varconstech.com](mailto:contact@varconstech.com)

This certificate was generated using



From

Sindhu S

ISG19/EC095

ECE 7'B'

Sapthagiri college of engineering  
Bangalore - 57

To

Head of the Department

Sapthagiri college of engineering

Bangalore - 57

Respected Sir,

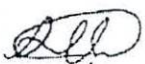
Subject:- Request for permission to attend internship

I Sindhu S of ECE-7B writing this letter asking  
for permission to attend internship by 'Varcon  
Technologies Pvt Ltd' machine learning with python  
starting from 19/10/2022 to 26/10/2022. Hence I  
requested you to grant permission to attend  
the internship from 8:30 am to 8:30 pm (online)

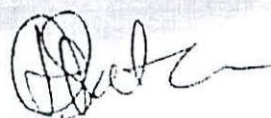
Thanking you

your obediently

Sindhu S




ISG19/EC095

forwarded  


fee paid

No due

  
J.R. Anish  
Principal  
29/9/22

fee 2022  
paid

4/29/9/22

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bangalore - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)  
(Accredited by NAAC with "A" Grade)  
(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6609/2022-23

10<sup>th</sup> October 2022

To,  
The Varcons Technologies Pvt Ltd.,  
Bangalore - 56000 .

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in  
Electronics & Communication Engineering Course in the academic year 2022 - 23.

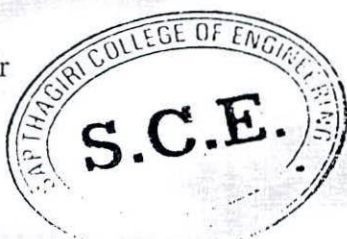
SL. No	Name	USN No
1	Ms. Sindhu S	ISG19EC095
2	Ms. Vismaya B V	ISG19EC117
3	Ms. Yashaswini S	ISG19EC120

Further, the said students are Permitted to undergo industrial/internship training  
from 1<sup>st</sup> October' 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

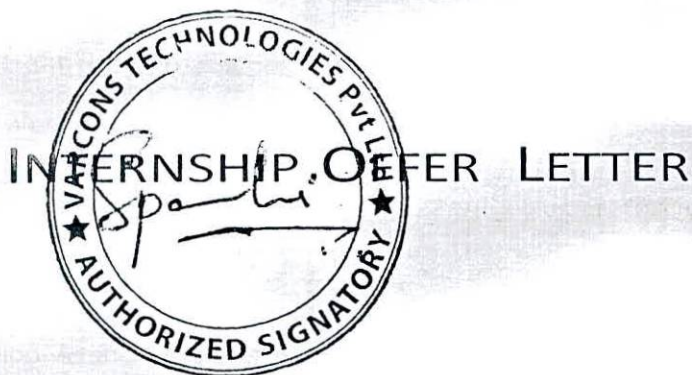
Jr



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru - 560 057

*Principal*  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





Date: 29<sup>th</sup> September, 2022

Name: **Sindhu S**  
USN: **1SG19EC095**

Dear Student,

We would like to congratulate you on being selected for the **Machine Learning With-Python(Research Based)** Internship position with **Varcons Technologies Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Machine Learning With Python(Research Based)** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

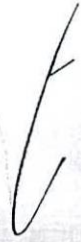
Again, congratulations and we look forward to working with you!

Sincerely,

Spoorthi H C  
**Director**  
VARCONS TECHNOLOGIES PVT LTD  
213, 2nd Floor,  
18 M G Road, Ulsoor,  
Bangalore-560001

Principal  
Sapthagiri College of Engineering  
15, Chikkasandra, Hesargudda  
Bangalore-560088





**Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **Sindhu S** whose USN is **1SG19EC095**, has completed their **Machine Learning With Python(Research Based)** Internship organised and handled by **Varcons Technologies Pvt Ltd** from **1<sup>st</sup> October, 2022** to **31<sup>st</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Lip to Speech synthesis**, As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

[www.varconstech.com](http://www.varconstech.com)

[contact@varconstech.com](mailto:contact@varconstech.com)

This certificate was generated using CERTIEFY.COM



ISG19EC089.

17/04/23  
Bangalore-57

From,

Shivam Kumar. O. [ISG19EC089],  
Shubham Pathak [ISG19EC094],  
Electronics & Communication Engg.,  
Sapthagiri College of Engg.,  
Bangalore 57,

To,

The Head of Department,  
Electronics & Communication Engg.,  
Sapthagiri College of Engg.,

Respected Sir,

Subject: Permission letter for Internship

As mentioned above, we request you to kindly issue the permission letter for the internship completed on full stack web development at Gain Informatics Pvt. Ltd. conducted from 10th October 2022 to 10th November 2022 [Online].

Thanking you,

Produce  
Syr

forwarded

Date

Yours obediently,  
Shivam Kumar. O.  
Shubham Pathak

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heggaghatta Main Road  
Bengaluru - 560 057



Ref. No. SCE/Rec/7157/2022-23

17<sup>th</sup> April 2023

To,  
The H R Manager,  
Sain Informatix Pvt Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Shivam Kumar O	1SG19EC089
2	Mr. Shubham Pathak	1SG19EC094

Further, the said students are have undergone internship training from 10<sup>th</sup> October 2022 to 10<sup>th</sup> November 2022.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





## CERTIFICATE OF INTERNSHIP

This is to certify that **Shubham Pathak** whose USN is **1SG19EC094**, has completed their **Full Stack Web Development** Internship organised and handled by **Sain Informatix** from **10<sup>th</sup> October, 2022** to **10<sup>th</sup> November, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Template - Cryptocurrency Informative site**. This project was aimed at creating fully-fledged functional **web template(s)** for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



SAIN INFORMATIX

1122, Cellar Floor, Service Road

Hampi Nagar, Bengaluru



Sapthagiri College of Engineering  
14/5, Chikkasandra  
Bangalore

[www.saininformatix.tech](http://www.saininformatix.tech)

[info@saininformatix.tech](mailto:info@saininformatix.tech)

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# INTERNSHIP OFFER LETTER



Date: 8<sup>th</sup> October, 2022

Name: **Shubham Pathak**  
USN: **1SG19EC094**

Dear Student,

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Sain Informatix Pvt Ltd**, effective Start Date **10<sup>th</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Santhu  
**Product Manager**  
**SAIN INFORMATIX PVT LTD**  
*Bangaluru, India*

  
Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hasaraghatta Main Road  
Bangaluru - 560 057



From,

Shreyas. G. Raj

ISG19EC093

7<sup>th</sup> sem, ECE

2.

To,

The Head of the department  
ECE, SCE.

Sir,

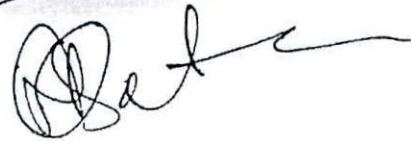
Sub: Request for permission to attend internship

With reference to the above subject, I am seeking permission to attend internship of 'Compsoft Technologies' on 'Machine Learning with Python' starting from 09-10-2022 to 20-10-2022 (online from 6:30pm to 8:30pm).

Thank You,

Raj.  
Yours obediently

forward



  
(S.R.GIRISH)  
Principal

29/9/2022

Fee  
paid  
No due

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuragutta Main Road  
Bangalore - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6584/2022-23

3<sup>rd</sup> October '2022

To,  
The HR Manager.  
Varcons Technologies Pvt. Ltd.,  
M G Road,  
Bangalore – 560001.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

S.L. No	Name	USN No.
1	Mr. Shreyas G Raj	1SG19EC093
2	Mr. S M Faraz Hussain	1SG19EC096
3	Mr. Subhash B S	1SG19EC099

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October ' 2022 to 30<sup>th</sup> October ' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

Nr.



Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





Date: 29<sup>th</sup> September, 2022

Name: **Shreyas G Raj**  
USN: **1SG19EC093**

Dear Student,

We would like to congratulate you on being selected for the **Machine Learning With-Python(Research Based)** Internship position with **Varcons Technologies Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Machine Learning With Python(Research Based)** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Spoorthi H C  
**Director**  
VARCONS TECHNOLOGIES PVT LTD  
213, 2<sup>nd</sup> Floor,  
18 M G Road, Ulsoor,  
Bangalore-560001

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosur Main Road  
Bangalore - 560 057





**Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **Shreyas G Raj** whose USN is **1SG19EC093**, has completed their **Machine Learning With Python(Research Based)** Internship organised and handled by **Varcons Technologies Pvt Ltd** from **1<sup>st</sup> October, 2022** to **30<sup>th</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Stockport - Predictive Sentiment Analysis**, As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate,



18 M G Road, Ulsoor, Bangalore - 560001

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heeranghatta Main Road  
Bangalore - 560 067

contact@varconstech.com

This certificate was generated using





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)  
(Accredited by NAAC with "A" Grade)  
(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6573/2022-23

30<sup>th</sup> September 2022

To,  
Takeit Smart,  
Bangalore.

Dear Sir,

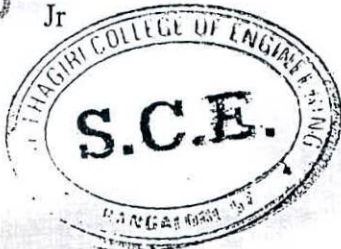
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Shivani V	ISG19EC092
2	Ms. Ananya P	ISG19EC006
3	Mr. Hitaishi S	ISG19EC040

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 1<sup>st</sup> November 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



*Principal*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*Principal*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



From,

Shivani. V

ISG19EC092

7<sup>th</sup> Sem, 'B' Sec

Sapthagiri College of Engineering  
Bangalore.

To,

The Head. of Department.  
Sapthagiri College of Engineering.

Respected Sir,

Subject: Requesting to attend internship.

With respect to above Subject, I want to attend  
internship. at "take it smart" from 17/10/22 - 1/11/22. So  
I kindly request your permission to attend the same

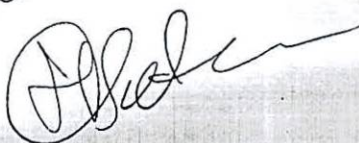
Thanking you

Your obedient student

Shivani. V.

SL

ISG19EC092


Forwarded  




J. R. Girish

Principal.

30/9/22

Fee paid  
No due  


  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosurghatta Main Road  
Bangalore - 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**SHIVANI.V**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **1<sup>st</sup> October 2022 to 1<sup>st</sup> November 2022**

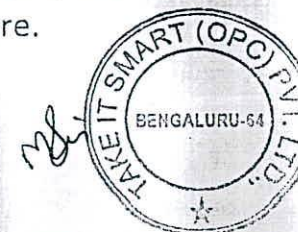
we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 037



Mallikarjun Kumbhar  
Director





## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.


Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	Monica Valentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057



From  
Shivam Shiva

ISG19EC091

ECE-7B

Sapthagiri college of Engineering  
Bangalore - 57

To

Head of Department (ECE)

Sapthagiri college of engineering

Respected sir

Subject :- Request for Permission to attend Internship

I Shivam Shiva of ECE-7B section writing this letter asking for permission to attend Internship for VLSI Techocore solution Ltd starting from 15 oct. Hence I request you to grant permission to attend the Internship

Thanking you  
your obediently

Shivam Shiva

ISG19EC091

Permitted for  
rel hr  
2  
B

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hosur Road  
Bangalore - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

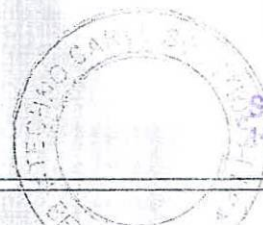
## CERTIFICATE OF COMPLETION

**SHIVAM SHIVA** (USN-1SG19EC091)

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of 2 Input CMOS AND Gate with Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hassan  
Bengaluru

*Ashwini DM*  
Ashwini DM

Head - Training Programs



Ref. No. SCE/Rec/6607/2022-23

10<sup>th</sup> October 2022

To,  
Technocarve Solutions pvt ltd.  
Bangalore.

Dear Sir,

This is to certify that Mr. Shivam Kumar Sharma bearing USN :1SG19EC090 is a bonafide student of this college studying Fourth year B.E in Electronics and Communication Engineering course in the academic year 2022 - 2023.

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

His character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**SHIVAM KUMAR SHARMA (USN-1SG19EC090)**

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of JK Latch using Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

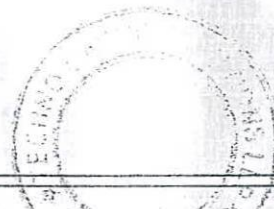
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Principal  
Sapthagiri College of Engineering  
14/5, Chikka Road, Hesarghatta Main Road  
Bengaluru - 560 057

Ashwini DM

Head - Training Programs

Date: 01/12/2022





From

Shivam Kumar

ISG19ECO90

ECE-7B

Sapthagiri College of Engineering

Bangalore-57

To

Head of department (ECE)

Sapthagiri College of Engineering

Bangalore-57

Subject: Request for permission to attend internship

Respected Sir,

I Shivam Kumar Sharma of ECE 7B am writing this letter asking for permission to attend internship by Techno curve Solutions Ltd. starting from 1/10/2022 to 31/10/2022. Hence, request you to grant permission to attend the internship from 1/10/2022 to 31/10/2022.

forwarded



29/9/2022

Thanking You


Yours Obediently

Shivam Kumar Sharma



ISG19ECO90

Fee paid  
No due

  
J.R. Girish  
- in-charge

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosanghatta Main Road  
Bangalore - 560 057



17/04/23  
Bangalore-57

From,

Shivam Kumar. O. [ISG19EC089],

Shubham Pathak [ISG19EC094],

Electronics & Communication Engg.,

Sapthagiri College of Engg.,

Bangalore 57,

To,

The Head of Department,

Electronics & Communication Engg.,

Sapthagiri College of Engg.,

Respected Sir,

Subject: Permission letter for Internship.

As mentioned above, we request you to kindly issue the permission letter for the internship completed on full stack web development at Gain Informative Pvt. Ltd. conducted from 10th October 2022 to 10th November 2022 [Online].

Thanking you,

Attn  
Syr

forwarded

Date

Yours obediently,  
Shivam Kumar. O.  
Shubham Pathak.

Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7157/2022-23

17<sup>th</sup> April 2023

To,  
The H R Manager,  
Sain Informatix Pvt Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Shivam Kumar O	1SG19EC089
2	Mr. Shubham Pathak	1SG19EC094

Further, the said students are have undergone internship training from 10<sup>th</sup> October 2022 to 10<sup>th</sup> November 2022.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesarghatta Road  
Bangalore- 560 057





## CERTIFICATE OF INTERNSHIP

This is to certify that **Shivam Kumar O** whose USN is **15G19EC089**, has completed their **Full Stack Web Development** Internship organised and handled by **Sain Informatix** from **10<sup>th</sup> October, 2022** to **10<sup>th</sup> November, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Template - Cryptocurrency Informative site**. This project was aimed at creating fully-fledged functional **web template(s)** for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



**SAIN INFORMATIX**

1122, Cellar Floor, Service Road

Hampi Nagar, Bengaluru

  
Principal  
Sapthagiri College of Engineering  
1475, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

[www.saininformatix.tech](http://www.saininformatix.tech)

[info@saininformatix.tech](mailto:info@saininformatix.tech)



# INTERNSHIP OFFER LETTER



Date: 8<sup>th</sup> October, 2022

Name: Shivam Kumar O  
USN: 1SG19EC089

Dear Student,

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Sain Informatix Pvt Ltd**, effective Start Date **10<sup>th</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Santhu  
Product Manager  
SAIN INFORMATIX PVT LTD  
Bangaluru, India

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangaluru - 560 057





## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesraghatta main road  
Bengaluru

Dear Sir,


Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

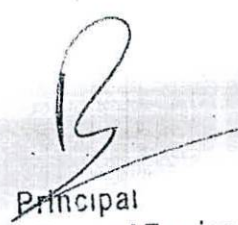
Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**SHASHANK R**

**(USN-1SG19EC088)**

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of D Flipflop using Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hosarephatta Main Road  
Bengaluru - 560 057

Ashwini DM

Head - Training Programs



From:-

Shashank R [15G19EC088]

Electronics & Communication Engg,  
Sapthagiri College of Engg,  
Bangalore 57;

To,

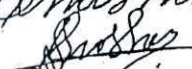
The Head of Department  
Electronics & Communication Engg,  
Sapthagiri College of Engg.

Respected Sir;

Subject:- Permission letter

As mentioned above, we request  
issue the permission letter for the  
completed on VLSI by Techno  
Starting from October 1-2022 - Oct  
you to grant permission to attend  
from ending to 31-October-2022

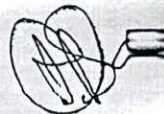
Thanking you  
Yours obediently

Shashank R  


15G19EC088

10/10/22  
Jedha  
Sgt

Permitte



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**SANKEERTH M**

**(USN-1SG19EC087)**


Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of JK Flipflop using Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 073

Ashwini DM

Head - Training Programs



29/09/2022

From

Sanketh M

15G19EC087

ECE - 7th SEM B Section

Sapthagiri College of Engineering

Bangalore-57

To

The Head of department

Electronics and Communication Engineering

B Sapthagiri College of Engineering

Bangalore-57

Respected Sir,

Subject: Requesting Permission to attend internship  
I am Sanketh M bearing USN: 15G19EC087 ECE - 7th SEM  
ECE-B Section I am requesting permission to attend  
internship at Technozone solutions from October 1st to  
31st October  
So I request you to give permission to attend the  
same

Thank you

your sincerely  
Sanketh

Recd 2022  
Paid  
29/9/22

Accepted

Sapthagiri College of Engineering  
14/5, Chikkaasandra, Mysore - 571 312, Mysore Road





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with 'A' Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Techno Carve Solution,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Ranjith S G	1SG19EC077
2	Mr. S Raveesh Koti	1SG19EC082
3	Mr. Praveen B R	1SG19EC065
4	Mr. Prashanth K B	1SG19EC062
5	Mr. Sankeerth M	1SG19EC087

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Road

*Principal*  
Sapthagiri College of Engineering  
Chikkasandra, Hosaraghatta Road  
Bangalore - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)  
(Accredited by NAAC with "A" Grade)  
(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Technocarve Solutions ,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Sanjay K	1SG19EC086
2	Mr. Ruthvik Gowda H	1SG19EC081
3	Mr. Shivam Kumar O	1SG19EC089
4	Mr. Rajapu Rishikesh	1SG19EC075
5	Mr. Rahul Kumar Yadav	1SG19EC074
6	Mr. Sangeeth M	1SG19EC085
7	Mr. Preetham Hegde	1SG19EC066
8	Mr. Praveen A	1SG19EC064

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore - 560 057, KARNATAKA,  
Tel : 2837 2800 / 01 / 02 / 03, 2313 0583 Fax : 080-2837 2797, E-mail : principal@sapthagiri.edu.in  
Web : www.sapthagiri.edu.in



From

Sangeetha.M

ISG19EC085

ECE TB

Sapthagiri College of Engineering  
Bengaluru - 57

To.

Head of department (ECE)  
Sapthagiri College of Engineering  
Bengaluru - 57

Subject: Request for permission to attend  
internship

Respected Sir,

I Sangeetha.M of ECE TB section writing this  
letter asking for permission to attend internship  
by Technocare Solutions Ltd starting from  
1-10-2022 to 31-10-2022. Hence, request you  
to grant permission to attend the internship  
from 1/10/2022

forwarded  
Date 29/9/2022

Thanking You

Yours obediently  
Sangeetha.M  
Sangeetha

ISG19EC085

Fee paid  
no due

J.R. GIRISH  
Principal

Principal  
Sapthagiri College of Engineering  
1/5, Chikkasandra, Hdsaraghatta Main Road  
Bengaluru - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**SANGEETH M**

(USN-1SG19EC085)

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of SR Flipflop using NOR Custom Standard  
cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

  
Ashwini DM

Head - Training Programs

Date: 01/12/2022





From  
Sanjay K

1SG19EC086

ECE - 7th SEM B-Section

Sapthagiri College of Engineering  
Bangalore-57

To

The Head of department  
Electronics and Communication Engineering  
Sapthagiri College of Engineering  
Bangalore-57

Respected Sir,

Subject: Requesting Permission to attend internship  
I am Sanjay K bearing USN 1SG19EC086 ECE 7th SEM  
B-section I am requesting Permission to attend internship  
at TechnoWave Solutions from October 1st to October 31st  
so I request you to give permission to attend the same

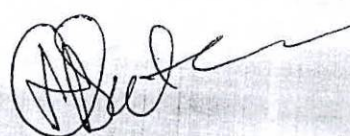
Thank you

your obediently

Sanjay K  
~~Sanjay~~

fee 2022  
paid

30/9/22

forwarded  


  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)  
(Accredited by NAAC with "A" Grade)  
(ISO 9001:2015 & ISO 14001:2015 Certified)

Sanjay-K  
1SG19EC086

Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
**The Manager,**  
**Technocarve Solutions ,**  
**Bangalore.**

Dear Sir,

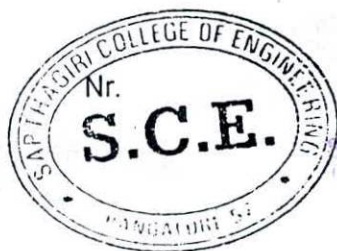
Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Sanjay K	1SG19EC086
2	Mr. Ruthvik Gowda H	1SG19EC081
3	Mr. Shivam Kumar O	1SG19EC089
4	Mr. Rajapu Rishikesh	1SG19EC075
5	Mr. Rahul Kumar Yadav	1SG19EC074
6	Mr. Sangeeth M	1SG19EC085
7	Mr. Preetham Hegde	1SG19EC066
8	Mr. Praveen A	1SG19EC064

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**SANJAY K**

**(USN-1SG19EC086)**

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of 2:1 Inverting Multiplexer using Tristate  
Custom Standard cell Inverter**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

**Ashwini DM**

Head - Training Programs

Date: 01/12/2022





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Jyoti Vardhaya Technological University, Bangalore & Approved by AICTE - New Delhi)

(Accredited by NAAC with 'A' Grade)

ISO 9001:2015 & ISO 14001:2015 Certified

Ref. No. SCE/Rec/6625/2022-23

12<sup>th</sup> October 2022

To,  
Varcons Technologies Pvt Ltd.,  
Halasuru,  
Bangalore - 560001.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in  
Electronics & Communication Engineering Course in the academic year 2022 - 23.

SL. No	Name	USN No
1	Mr. Sai Ganesh C S	1SG19EC084
2	Mr. Sagar A	1SG19EC083
3	Mr. S Raveesh Koti	1SG19EC082


Further, the said students have undergone industrial/internship training from 23<sup>rd</sup>  
August 2022 to 26<sup>th</sup> September 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Jr

S.C.E.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



From

Sagar. A

15G19EC083

ECE - 7B

Sapthagiri college of engineering  
Bangalore 57

To

Head of department (ECE)

Sapthagiri college of engineering

Bangalore - 57

Respected Sir

Subject - Request for permission to attend internship

I Sagar A of ECE Blec writing this letter asking for permission to attend internship by Varcon Technologies Pvt Ltd on embedded systems with IOT starting from

Tuesday 23 August (23-08-22) to (26-09-22)

Hence I request you to grant permission to attend the Internship from 6:30 pm to 8:30 pm

Thanking You

Yours obediently

Sagar. A

Sagar

15G19EC083

forwarded

Officer

Recd 2022

Paid 4

29/9/22

J.R. Girish

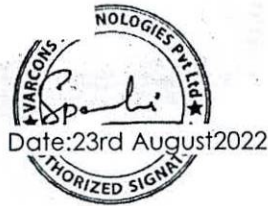
J.R. Girish

He is going to attend placement activity for dept.

Sapthagiri College of Engineering  
415, Chandra Sagar Main Road  
Bangalore - 560 057

29/9/22





## Internship Offer Letter

Student Name:  
Sagar.A

USN:  
1SG19EC083

Dear Student

We would like to congratulate you on being selected for the **Embedded Systems with IoT** Internship position with Varcons Technologies, effective Start Date **23 August 2022**. All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of Embedded Systems through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration

Again, congratulations and we look forward to working with you!

Sincerely,

Spoorthi H  
Project Manager  
Varcons Technologies Pvt Ltd  
213, 2nd Floor, Ramanashree Arcade,  
18, Mahatma Gandhi Rd, Halasuru, Bengaluru, Karnataka 560001

Do reach out to us at <https://www.varconstech.com/contact-8> or email us

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosareghatta Main Road  
Bengaluru - 560 057



 **Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **Sagar.A** whose USN is **1SG19EC083**, has completed their **Embedded Systems** Internship organised and handled by **Varcons Technoloigies Pvt Ltd** from **23<sup>rd</sup> August, 2022** to **27<sup>th</sup> September, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Smart Parking System**, As part of the project, they worked with Advanced Microcontrollers and Sensor Interfaces. They interacted with these interfaces using embedded programming languages. The entire project was documented and necessary reports were submitted.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



18 M G Road, Ulsoor, Bangalore-560001

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hazaraghatta Main Road  
Bangalore - 560 057

[www.varconstech.com](http://www.varconstech.com)

[contact@varconstech.com](mailto:contact@varconstech.com)

This certificate was generated using [CERTIEFY.COM](http://CERTIEFY.COM)





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6625/2022-23

12<sup>th</sup> October 2022

To,  
Varcons Technologies Pvt Ltd.,  
Halasuru,  
Bangalore - 560001.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in  
Electronics & Communication Engineering Course in the academic year 2022 - 23.

SL. No	Name	USN No
1	Mr. Sai Ganesh C S	ISG19EC084
2	Mr. Sagar A	ISG19EC083
3	Mr. S Raveesh Koti	ISG19EC082


Further, the said students have undergone industrial/internship training from 23<sup>rd</sup>  
August 2022 to 26<sup>th</sup> September 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Jr

S.C.E.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057



Sai Ganesh C.S

180119EE084

ECE 4B

Sapthagiri College of Engineering

Bangalore 154

Head of Department (ECE)

Sapthagiri College of Engineering

Bangalore 154

Respected Sir,

Sub: Request for permission to attend internship  
I Sai Ganesh C.S of ECE 4B section writing this letter  
asking for permission to attend internship by Varcon  
Technologies Pvt Ltd on Embedded Systems with IoT starting  
on Tuesday 23 August (23/08/22) to (26/09/22). Hence I  
request you to grant permission to attend the internship  
from 6:30 pm to 8:30 pm

Thanking you,

Yours Obediently

Sai Ganesh C.S

18/08/22  
foid

He is going  
to attend activity  
placement in  
conducting  
Jed.

29/08/22

J.R. Girisri  
29/08/22

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

180119EE084





## Internship Offer Letter

Student Name:  
Sai Ganesh Cs

USN:  
1SG19EC084

Dear Student

We would like to congratulate you on being selected for the **Embedded Systems with IoT** Internship position with Compsoft Technologies, effective Start Date **23 August 2022**, All of us are excited about this opportunity provided to you!


This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of Embedded Systems through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration

Again, congratulations and we look forward to working with you!

Sincerely,

Spoorthi H  
Project Manager  
Varcons Technologies Pvt Ltd  
213, 2nd Floor, Ramanashree Arcade,  
18, Mahatma Gandhi Rd, Halasuru, Bengaluru, Karnataka 560001

Do reach out to us at <https://www.varconstech.com/contact-8> or email us

  
Principal  
Sapthagiri College of Engineering  
44/5, Chikkasandra, Hosurghatta Main Road  
Bengaluru - 560 057





**Varcons Technologies Pvt Ltd**

Communicate. Collaborate. Create

## CERTIFICATE OF INTERNSHIP

This is to certify that **Sai Ganesh Cs** whose USN is **1SG19EC084**, has completed their **Embedded Systems Internship** organised and handled by **Varcons Technoloigies Pvt Ltd** from **23<sup>rd</sup> August, 2022** to **27<sup>th</sup> September, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Smart Parking System**, As part of the project, they worked with Advanced Microcontrollers and Sensor Interfaces. They interacted with these interfaces using embedded programming languages. The entire project was documented and necessary reports were submitted.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



18 M G Road, Ulsoor, Bangalore-560001

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bangalore - 560 057

[www.varconstech.com](http://www.varconstech.com)

[contact@varconstech.com](mailto:contact@varconstech.com)

This certificate was generated using CERTIEFY.COM



From  
S. Raveesh Koth  
ISG119FC082  
ECE-7B

Sapthagiri college of engineering  
Bangalore-57

TO

Head of department (ECE)  
Sapthagiri college of engineering  
Bangalore-57

Respected Sir

Subject:- Request for permission to attend internship

I S. Raveesh Koth of ECE 7B section writing this letter asking  
for permission to attend internship by Technocare Solutions  
Ltd. starting from October-1-2022 - Oct-31-2022. Hence I request you to  
grant permission to attend the internship from ending to 31<sup>st</sup> Oct-2022

Thanking you

Yours obediently

S. Raveesh Koth

S. Raveesh Koth

ISG119FC082

Fee paid  
No due

J. R. Girish 24/10/22  
J. R. Girish  
Principal

Principal  
Sapthagiri College of Engineering  
103, Chikkasandra, Hosur Road, Main Road  
Bangalore - 560 087





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

## SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Techno Carve Solution,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Ranjith S G	1SG19EC077
2	Mr. S Raveesh Koti	1SG19EC082
3	Mr. Praveen B R	1SG19EC065
4	Mr. Prashanth K B	1SG19EC062
5	Mr. Sankeerth M	1SG19EC087

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057



From

Ruthvik Gowda H

ISG19EC081

ECE - 1<sup>st</sup> SEM B-Section

Sapthagiri College of Engineering

Bangalore-57

ISG19EC08

30/09/20  
Bangalore

To

The Head of department

Electronics and Communication Engineering

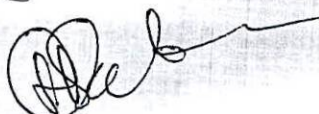
Sapthagiri College of Engineering

Bangalore-57

Respected Sir,

Subject: Requesting Permission for Internship

I am Ruthvik Gowda H bearing USN ISG19EC081 ECE-1<sup>st</sup> B-section. I am requesting permission to attend internship at TechnoCave solutions from October 1<sup>st</sup> to October 31<sup>st</sup>. So I request you to give permission to attend the same.

forwarded  


Thank you

Yours obediently

Ruthvik Gowda H

fee 2022  
paid

20/9/22

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057



Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
**The Manager,**  
**Technocarve Solutions ,**  
**Bangalore.**

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Sanjay K	1SG19EC086
2	Mr. Ruthvik Gowda H	1SG19EC081
3	Mr. Shivam Kumar O	1SG19EC089
4	Mr. Rajapu Rishikesh	1SG19EC075
5	Mr. Rahul Kumar Yadav	1SG19EC074
6	Mr. Sangeeth M	1SG19EC085
7	Mr. Preetham Hegde	1SG19EC066
8	Mr. Praveen A	1SG19EC064

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



*Principal*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560 057

*Principal*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

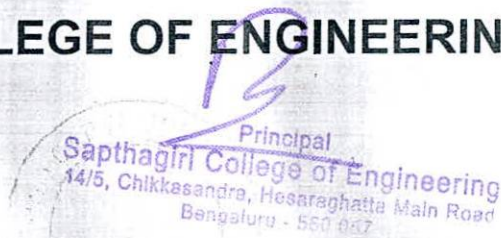
## CERTIFICATE OF COMPLETION


**RUTHVIK GOWDA H (USN-1SG19EC081)**

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Cascade Voltage Switch Logic using Custom  
Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



  
Ashwini DM

Head - Training Programs





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**ROHITH DG**

**(USN-1SG19EC080)**


Has successfully completed VLSI INTERNSHIP PROGRAM in

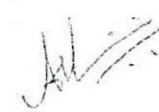
**Design of 2 Input NOR with Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road,  
Bengaluru

  
Ashwini DM

Head - Training Programs





## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering

Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

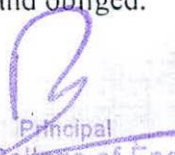
Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.


Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



IBM SkillsBuild

edunet  
foundation

# Certificate of Completion

awarded to

*Revayya Kabburmam*

for successfully completing two-weeks virtual internship on

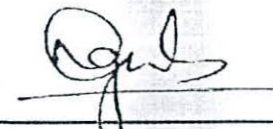
**Front End Development**

under IBM SkillsBuild Program

from 1/23/2023 to 2/6/2023.

This program was conducted by Edunet Foundation

Institution: Sapthagiri college of engineering  
Email ID: revayyakabburmam@gmail.com



Nagesh Singh  
Executive Director-  
Edunet Foundation



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057





## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering

Academic Year: 2022- 2023

20<sup>th</sup> April 2023

To

The Manager,  
IBM .  
Bengaluru

Dear Sir,


Following are bonafide student of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.


Sl.no.	Name	USN
1	REVAYYA KABBURMATH	1SG19EC079

Further the said students are permitted to undergo industrial/internship training from 23/01/2023 to 06/02/2023.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



From,

Revayya Kabburmath  
ECE, dept  
Sapthagiri College of Engineering  
20/4/23

To,

Head of Department  
ECE, department  
Sapthagiri College of Engineering.

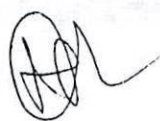
Respected sir,

Subject: Seeking permission for Internship & apology

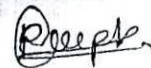
I am Revayya K from 8th sem  
ask for permission for attending Internship  
organized by IBM Skill build from

23/01/2023 to 6/2/2023. So kindly  
grant the permission and do the needful.

Thanking you

Permitted  


Yours truly



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hebburghatta Main Road  
Bengaluru - 560 057



From

Ravikiran  
ECE department  
Sapthagiri college of engineering

Date:- 20/4/23

To

The Head of department  
ECE department  
Sapthagiri college of engineering

Respected sir:-

Subject:- Seeking permission for internship

I Ravikiran from 8<sup>th</sup> sem seeks permission  
for attending internship in Take it smart  
from 16<sup>th</sup> february to 18<sup>th</sup> march so kindly  
do the needful and apologize for the late  
submission

Thanking you

your obedient

Ravikiran

permitted  
(HP)

Principal  
Sapthagiri College of Engineering  
#15, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057





## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering

Academic Year: 2022- 2023

2<sup>nd</sup> feb 2023

To

The Manager,  
Take it smart pvt.ltd.  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.


Sl.no.	Name	USN
1	Ravikiran	1SG19EC078

Further the said students are permitted to undergo industrial/internship training from March 16<sup>th</sup> February to March 18<sup>th</sup> 2023.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





**TAKE IT SMART (OPC) PVT. LTD**

87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## INTERNSHIP OFFER LETTER

Trainee Name: Mr/Mrs Ravikiran

Dear Mr/Mrs. Ravikiran

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from **16<sup>TH</sup> February 2023**. You will be working on project development **EMBEDDED SYSTEM AND IOT**. Your assignment concludes on **March 18<sup>th</sup> 2023**.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director,



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**RAVIKIRAN**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IOT**

From **16<sup>th</sup> February 2023 to 18<sup>th</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
#5, Chikkasandra, Hosur Road, Main Road  
Bengaluru - 560 087



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Mallikarjun Kumbar  
Director



From:

RANJITH S.G

1SG19EC077

ECE-7B

Sapthagiri College of Engineering

Bangalore - 57

To  
Head of the department (ECE)  
Sapthagiri College of Engineering  
Bangalore - 57

Respected Sir,

Subject: Request for permission to attend internship

I Ranjith S.G of ECE 7B section writing this letter asking  
for permission to attend internship by TechnoWave Solutions  
Ltd. starting from October - 1 2022. Hence I request  
you to grant permission to attend the Internship ~~from~~ ending  
to 31st October 2022.

Thanking you.

Yours obediently.

RANJITH S.G

*Ranjith S.G*

NO DU 1SG19EC077.

*JPK*

forwarded  
*[Signature]*

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Heeraghatta Main Road  
Bangalore - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

## SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Techno Carve Solution,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Ranjith S G	1SG19EC077
2	Mr. S Raveesh Koti	1SG19EC082
3	Mr. Praveen B R	1SG19EC065
4	Mr. Prashanth K B	1SG19EC062
5	Mr. Sankeerth M	1SG19EC087


Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

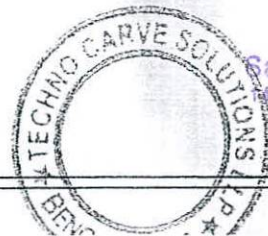
## CERTIFICATE OF COMPLETION

**RANJITH S G** (USN-1SG19EC077)

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of 3 Input NOR with Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
W/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057

Ashwini DM

Head - Training Programs





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION


**RAKESH L** (USN-1SG19EC076)

Has successfully completed VLSI INTERNSHIP PROGRAM in

**Design of 2 Input NAND with Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Ashwini DM

Head - Training Programs

Date: 01/12/2022





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with 'A' Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6571/2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Technocarv Solutions Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Rahul N	1SG19EC072
2	Mr. Rakesh L	1SG19EC076
3	Mr. Sumanth C Gowda	1SG19EC102

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057



From

Rakesh.L

15G19EC076

ECE TB

Sapthagiri College of Engineering

Bangalore-57

To

The Principal

Sapthagiri College of Engineering

Bangalore-57

Respected Sir,

Subject : Request for Permission to attend Internship

I Rakesh.L of ECE TB Section writing the letter asking for permission to attend internship by Techno (cow solid) Ltd starting from 1 Oct 2022 to 31 Oct 2022 hence request you to grant permission to attend the Internship.

Thanking you

Rakesh.L

B

15G19EC076

fee paid  
forwarded

30/9/2022

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosur Road, Main Road  
Bangalore - 562 057



1SG19EC075



TECHNO CARVE

## TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MFI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka

### CERTIFICATE OF COMPLETION

**RAJAPU RISHIKESH** (USN-1SG19EC075)

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of 2 Input OR Gate with Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Bengaluru Main Road

Ashwini DM

Head Training Programs



Rahul Kumar Yadav

1SG19EC074

ECE - 78

Sapthagiri College of Engineering  
Bangalore - 57

30-sep-2022

To  
Head of department (ECE)  
Sapthagiri College of Engineering  
Bangalore - 57

Respected Sir,

Subject: Requesting permission for internship  
I am Rahul Kumar Yadav bearing USN: 1SG19EC074  
in 7<sup>th</sup> sem Section. I am requesting permission to  
attend internship at technocurve solution from  
01/10/22 to 31/10/22. So I request you to give  
permission to attend the internship.

Thanking you!

Yours obediently

Rahul

1SG19EC074

forwarded

Dated

B

Principal

Sapthagiri College of Engineering  
14/5, Chikkaandra, Hosuraghatta Main Road  
Bangalore - 560 057

fee 2022  
paid  
&  
30/9/22





# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

## Department of Electronics & communication Engineering

Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

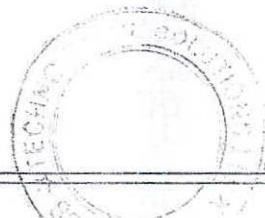
## CERTIFICATE OF COMPLETION

**RAHUL KUMAR YADAV (USN-1SG19EC074)**

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of 4 Input OR Gate with Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta, Main Road  
Bengaluru - 560 057

Ashwini DM

Head - Training Programs



From

Rahul Kumar Yadav

1SG19EC074

EE ECE-7B

Sapthagiri College of Engineering  
Bangalore-57

30-sep-2022

To

Head of department (ECE)  
Sapthagiri College of Engineering  
Bangalore-57

Respected Sir

Subject: Requesting permission for internship  
I am Rahul Kumar Yadav bearing USN: 1SG19EC074 in 7th sem Section. I am requesting permission to attend internship at technocurve solution from 01/10/22 to 31/10/22. So I request you to give permission to attend the internship.

Thanking you!

Yours obediently

Rahul

1SG19EC074

forwarded  
Date

Fee 2022  
Paid

30/9/22

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057



IBM SkillsBuild

edunet  
foundation

# Certificate of Completion

awarded to

**RAHUL N**

for successfully completing two-weeks virtual internship on

**Front End Development**

under IBM SkillsBuild Program

from 1/23/2023 to 2/6/2023.

This program was conducted by Edunet Foundation

Institution: Sapthagiri college of engineering  
Email ID: rahuln19092601@gmail.com



Nagesh Singh  
Executive Director-  
Edunet Foundation



Principal  
Sapthagiri College of Engineering  
44/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057



From,

Rahul. N

ECE dept

Sapthagiri college of Engineering

20/4/23

To,

Head of Department

ECE, Department

Sapthagiri college of Engineering

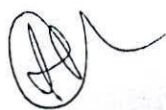
Respected sir,


Subject:- seeking permission for Internship & apology

I am Rahul. N from 8<sup>th</sup> sem asks for permission for attending internship organized by IBM Skill build from 23/01/2023 to 6/02/2023, so kindly grant the permission and do the needful

Thanking you

Your truly  
Rahul. N.

Permitted  


  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering

Academic Year: 2022- 2023

20<sup>th</sup> April 2023

To

The Manager,  
IBM .  
Bengaluru

Dear Sir,

Following are bonafide student of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

Sl.no.	Name	USN
1	Rahul N.	ISG19EC073

Further the said students are permitted to undergo industrial/internship training from 23/01/2023 to 06/02/2023.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



To, Principal  
The Head of the Department (E.C.E)  
Sapthagiri College of Engineering  
Bangalore - 57

29/09/22

Respected Sir

Subject: Permission to attend internship

I RAHUL.N of ECE 7<sup>th</sup> B Section request you to grant permission to attend internship by Technocurve solutions. Ltd. starting from october - 01 - 2022. Hence I request you to kindly grant permission ending on 31<sup>st</sup> october 2022.

Thanking you

Yours obediently

RAHUL.N [ISG19EC072]

Rahul

forwarded

Date

30/9/2022

I certify that  
fees paid  
Principle

Principal  
Sapthagiri College of Engineering  
4/5, Chikkaasandra, Hesarghatta Main Road  
Bangalore - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (P)

## SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6571/2022-23

30<sup>th</sup> September 2022

To  
The Manager,  
Technocarv Solutions Ltd.,  
Bangalore.

Dear Sir,

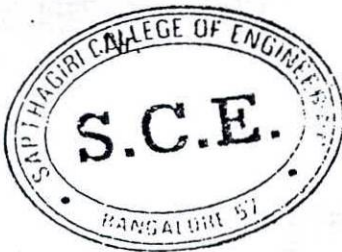
Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Rahul N	1SG19EC072
2	Mr. Rakesh L	1SG19EC076
3	Mr. Sumanth C Gowda	1SG19EC102

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*Principal*  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION


**RAHUL N** (USN-1SG19EC072)

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of 3 Input NAND with Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 057

  
Ashwini DM  
Head - Training Programs



2. KISHORE  
SC19EC070  
ECE - 8B

Sapthagiri College of Engineering  
Bangalore - 57

1<sup>st</sup> February 2023

To :  
The Principal  
Head of the Department (ECE)  
Sapthagiri College of Engineering  
Bangalore - 57

Respected Sir,

Subject: Request for permission to attend internship

I R. KISHORE of ECE 8B section writing the letter asking  
permission to attend internship by take it Smart (OPC) Pvt LTD.

Starting from 20/1/23 to 20/2/23. Hence I request you to  
grant permission to do my internship.

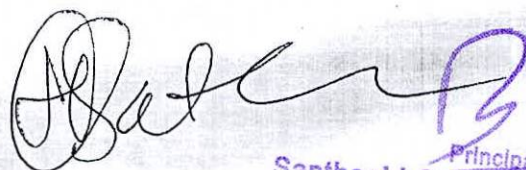
Thanking You

Yours faithfully

R. KISHORE  
Kiss

Noted  
11/2/23

Forwarded



Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057



Ref. No. SCE/Rec/6994/2022-23

13<sup>th</sup> February 2023

To,  
Take It Smart (OPC) pvt ltd.,  
Vijayanagar, Bangalore.

Dear Sir,

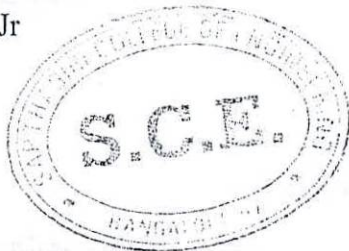
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Mr. Prathik R Gowda	1SG19EC063
2	Mr.R Kishore	1SG19EC070
3	Mr. Honnesh Babu P N	1SG20EC402

Further, the said students are permitted to undergo internship training from 20<sup>th</sup> January 2023 to 20<sup>th</sup> February 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: R KISHORE

Dear Mr/Mrs. R KISHORE

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 20<sup>th</sup> January 2023. You will be working on project development **EMBEDDED SYSTEM AND IOT**. Your assignment concludes on February 20<sup>th</sup> 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bangaluru, Karnataka 560040



TAKE IT SMART





# Take It Smart (OPC) PVT LTD.

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**R KISHORE**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IoT**

From **20<sup>th</sup> January 2023 to 20<sup>th</sup> February 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Principal  
Sapthagiri College of Engineering  
14/5, Chikkaabendra, Hesaraghatta Main Road  
Bengaluru - 560 057



**Mallikarjun Kumbar**  
Director



Date :- 01/09/2023

From

Purushotham.R

15619EC069

ECE 7<sup>th</sup> Sem

Sapthagiri college of engineering  
Bangalore

To

The Head of the department  
Electronic and Communication  
Sapthagiri college of engineering  
Bangalore

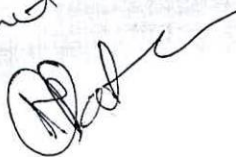
Respected Sir,

Subject:- Requesting Permission to attend internship

I am Purushotham.R bearing USN :- 15619EC069 ECE 7<sup>th</sup> Sem  
B Section I am requesting permission to attend internship at  
Technocarve Solutions from October 1<sup>st</sup> to October 31<sup>st</sup>. So I  
request you to give permission to attend the same.

Thank you

yours faithfully

Permitted  


Purushotham.R

P.R.H.R

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaandra, Hesarghatta Main Road  
Bangalore - 560 037





## SAPTHAGIRI COLLEGE OF ENGINEERING

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ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering

Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.


Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**PURUSHOTHAM (USN-1SG19EC069)**

Has successfully completed **VLSI INTERNSHIP PROGRAM** in


**Design of XOR using Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Ashwini DM  
Head - Training Programs



com,

Preeti Kulkarni,

USN: 1SG19EC067.

7<sup>th</sup> Sem, B sec, ECE,

Sapthagiri College of Engineering

Bangalore

To,

The Head of Department

Department of Electronics and Communication

Sapthagiri College of Engineering

Respected Sir,

Subject - Permission to attend Internship

With reference to the above subject, I want  
to do internship at Inttraing Edu Tech, Bangalore.  
from 13/9/22 (online).

So, I kindly request to grant permission to attend  
the same.

Thanking You,

Yours faithfully,

Preeti

Date: 29/9/22.

Place: Bangalore.

fee 2012  
paid

& 22/10/22.

I Certify that  
fee paid

Shankar  
forWARDED

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hos  
Bangalore  
Road



Ref. No. SCE/Rec/6675 /2022-23

22<sup>nd</sup> October 2022

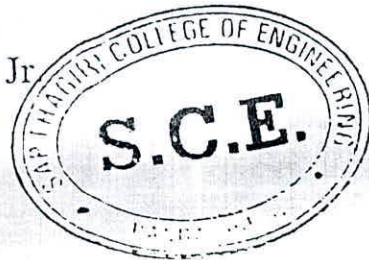
To, *Intetraining Polu Tech*  
**Basaveshwara Diesel Engineers,**  
Bangalore.

Dear Sir,

This is to certify that **Ms. Preeti Kulkarni** bearing **USN :1SG19EC067** is a bonafide student of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

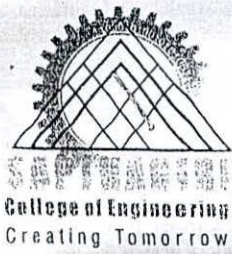
Her character and conduct is satisfactory.



*B*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*B*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bangalore- 560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/6675 /2022-23

22<sup>nd</sup> October 2022

To,  
~~Basaveshwara Diesel Engineers,~~  
Bangalore. *Intreaning SoluTech*

Dear Sir,

This is to certify that Ms. Preeti Kulkarni bearing USN :1SG19EC067 is a bonafide student of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Her character and conduct is satisfactory.



*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*B*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





# Certificate of Internship

is proudly presented to

## Preeti Kulkarni

This is to certify that Ms. Preeti Kulkarni has successfully completed her internship in Artificial Intelligence from 01/09/2022 to 31/12/2022. She performed very well and we found her to be keen and enthusiastic during the program.

**VISHNU P NAIR**

Head of Operations,

Intrainz

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

(092022BAI131)



Dear,

Breetam Hegde [15G19EC056]

ECE - 7<sup>th</sup> sem B section

Sapthagiri College of Engineering, Bangalore

27-09-2022

To,

The Head of the department

Dept. of Electronics &amp; Communication Engineering

Sapthagiri College of Engineering, Bangalore

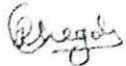
Respected Sir,

Subject: Requesting permission for internship


I am Breetam Hegde bearing USN: 15G19EC056 in 7<sup>th</sup> sem B section. I am requesting permission to attend ~~placement~~ internship at Technocare solutions from 01-10-2022 to 31-10-2022. So I request you to give permission to attend the same.

Thanking you,

Your obedient student



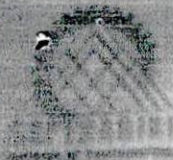
(Breetam Hegde)

Forwarded  


Recd 2022  
9/10/22  
29/9/2022

  
Principal  
Sapthagiri College of Engineering  
5, Chikkasandra, Hosarahatta Main Road  
Bangalore - 560 057





SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to VITVE SVKM's Technological University, Bangalore & Approved by AICTE, New Delhi)

(Approved by AICTE, with 'A' Grade)

ISO 9001:2015 & ISO 14001:2015 Certified

Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Technocarve Solutions,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E. in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Sanjay K	1SG19EC086
2	Mr. Ruthvik Gowda H	1SG19EC081
3	Mr. Shivam Kumar O	1SG19EC089
4	Mr. Rajapu Rishikesh	1SG19EC075
5	Mr. Rahul Kumar Yadav	1SG19EC074
6	Mr. Sangeeth M	1SG19EC085
7	Mr. Preetham Hegde	1SG19EC066
8	Mr. Praveen A	1SG19EC064


Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**PREETAM HEGDE** (USN-1SG19EC066)


Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of Full Adder using Custom NAND Gates**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

  
Ashwini DM  
Head - Training Programs



From

Praveen.B.R

ISG19EC065

ECE-7B

Sapthagiri College of Engineering  
Bangalore - 57

To

Head of Department (ECE)

Sapthagiri College of Engineering  
Bangalore - 57

Respected Sir,

Subject: Request for permission to attend internship

I Praveen.B.R of EC 7B Section writing this letter asking for permission to attend internship by technocart solutions from 01/10/2022 to 31/10/2022. Hence I request you to grant permission to attend internship

Thanking you,

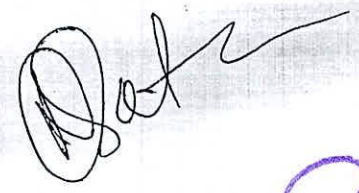
Yours obediently


Praveen.B.R

~~Date:-~~

feecl 2022  
paid  
4  
29/9/22.

forwarded



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarahalli Main Road  
Bangalore - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Techno Carve Solution,  
Bangalore.

Dear Sir,

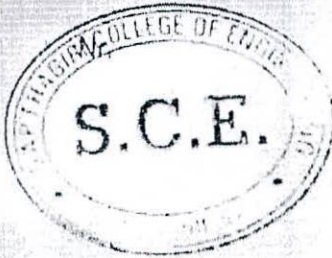
Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Ranjith S G	1SG19EC077
2	Mr. S Raveesh Koti	1SG19EC082
3	Mr. Praveen B R	1SG19EC065
4	Mr. Prashanth K B	1SG19EC062
5	Mr. Sankeerth M	1SG19EC087

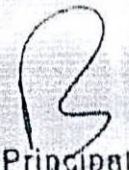
Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bengaluru - 560 057



From

Praveen A

ISG19EC064

ECE 7th SEM. B section

Sapthagiri College of Engineering  
Bangalore-57

29/9/22

ISG19EC064

To

The Head of the department  
Electronics and Communication Engineering  
Sapthagiri college of Engineering  
Bangalore-57

Respected Sir,

Subject: Requesting Permission for internship

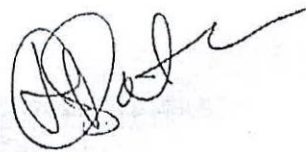
I am Praveen A bearing USN: ISG19EC064 ECE 7th SEM  
B-section I am requesting permission to attend internship  
at Techno Carve Solutions from October 1st to October 31st  
So I request you to give permission to attend the same

Thank you

yours obediently

Praveen A

Forwarded



130000 paid -  
80000  
50000 due  
29/9/22

Principal  
Sapthagiri College of Engineering  
415, Chikkasandra, Hosur Main Road  
Bangalore - 560 087





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NBA, with 'A' Grade)

ISO 9001:2015 & ISO 14001:2015 Certified

Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September ' 2022

To  
The Manager,  
Technocurve Solutions,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E. in Electronics and Communication Engineering course, in the academic year 2022-23.

Sl. No.	Name	USN NO.
1	Mr. Sanjay K	1SG19EC086
2	Mr. Ruthvik Gowda H	1SG19EC081
3	Mr. Shivam Kumar O	1SG19EC089
4	Mr. Rajapu Rishikesh	1SG19EC075
5	Mr. Rahul Kumar Yadav	1SG19EC074
6	Mr. Sangeetha M	1SG19EC085
7	Mr. Preetnam Hoode	1SG19EC066
8	Mr. Prayson A	1SG19EC064

Further the said students may be permitted to undergo industrial internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA.  
Tel: 2837 2800 / 01 02 / 03, 2313 0583 Fax: 080-2837 2297, E-mail: principal@sapthagiri.edu.in  
Web: www.sapthagiri.edu.in





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**PRAVEEN A** (USN-1SG19EC064)

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of XNOR using Custom Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



*(Signature)*  
Principal  
Sapthagiri College of Engineering  
Chikkabandru, Hosuraghatta Main Road  
Bengaluru - 560 057

*(Signature)*  
Ashwini DM

Head - Training Programs





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**PRATHIK R GOWDA**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **20<sup>th</sup> January 2023 to 20<sup>th</sup> February 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.

  
Principal  
Sapthagiri College of Engineering  
H.O., Chikkasandra, Hebaraghatta Main Road,  
Bengaluru - 560 037



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Mallikarjun Kumbar  
Director





87926 97647 / 80501 04212



[www.takeitsmart.in](http://www.takeitsmart.in)

[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: PRATHIK R GOWDA

Dear Mr/Mrs. PRATHIK R GOWDA

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in TAKE IT SMART (OPC) PVT.LTD Office Bangalore. Your schedule will be beginning from 20<sup>th</sup> January 2023. You will be working on project development MACHINE LEARNING USING PYTHON Your assignment concludes on February 20<sup>th</sup> 2023.

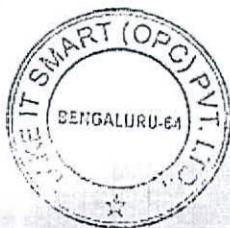
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART



From,

PRATHIK. R. GOWDA

ISG19EC063

ECE - '8' B

Sapthagiri College of Engineering,

Bangalore - 57

Date - 11<sup>th</sup> February, 2023.

To,

~~Head of the department (ECE)~~  
Principal,

Sapthagiri College of Engineering.

Bangalore - 57.


Respected Sir;

I Prathik. R. Gowda of ECE '8' - B writing this letter asking for permission to attend internship by Take It Smart Pvt Ltd. starting from 20<sup>th</sup> January, 2023. Hence I request you to grant permission to attend the internship ending on 20<sup>th</sup> February, 2023.

Thanking You,

Yours Obediently,

PRATHIK. R. GOWDA

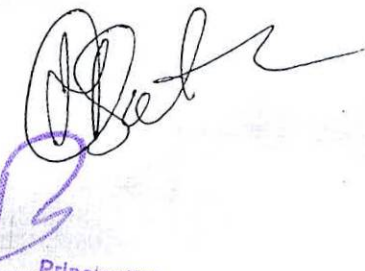


(ISG19EC063)

Noted

11/2/23

forwarded



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bangalore - 560 017



ISG19EC062

Prashanth KB

29/09/2022

From  
Prashanth KB  
ISG19EC062  
ECE - 7<sup>th</sup> SEM B-section  
Sapthagiri College of Engineering  
Bangalore - 560057

To  
Head of Department  
Electronics and Communication Engineering  
Sapthagiri College of Engineering  
Bangalore - 57

Respected sir,

Subject: Requesting Permission to attend internship

I am Prashanth KB bearing USN ISG19EC062 in 7<sup>th</sup> SEM  
ECE - 'B' section. I am requesting permission to attend  
internship at TechnoCarve Solutions from October 1<sup>st</sup> to  
31<sup>st</sup> of October.

So I request you to give permission to attend the  
same.

Thank you

yours obediently

Prashanth KB

Recd 2022  
Paid  
29/9/22

Forwarded  
Date

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057



Ref. No. SCE/Rec/6563 /2022-23

30<sup>th</sup> September 2022

To  
**The Manager,**  
**Techno Carve Solution,**  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Mr. Ranjith S G	1SG19EC077
2	Mr. S Raveesh Koti	1SG19EC082
3	Mr. Praveen B R	1SG19EC065
4	Mr. Prashanth K B	1SG19EC062
5	Mr. Sankeerth M	1SG19EC087

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bengaluru - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

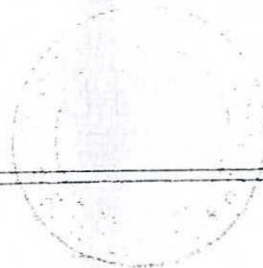
## CERTIFICATE OF COMPLETION

**PRASHANTH K B** (USN-1SG19EC062)

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of Half Adder using Basic Gates and NAND Gate**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Ashwini DM

Head - Training Programs



Prashanth KB

ISG19EC062

ECE - 7<sup>th</sup> SEM B-section

Sapthagiri College of Engineering  
Bangalore - 560057

29/09/2022

To

The Head of Department

Electronics and Communication Engineering

Sapthagiri College of Engineering

Bangalore - 57

Respected Sir

Subject: Requesting Permission to attend Internship

I am Prashanth KB bearing USN ISG19EC062 in 7<sup>th</sup> SEM ECE - 'B' section. I am requesting permission to attend internship at TechnoCarve Solutions from October 1<sup>st</sup> to 31<sup>st</sup> of October.

So I request you to give permission to attend the same.

Thank you

Yours obediently

Prashanth KB

Recd 2022  
Paid

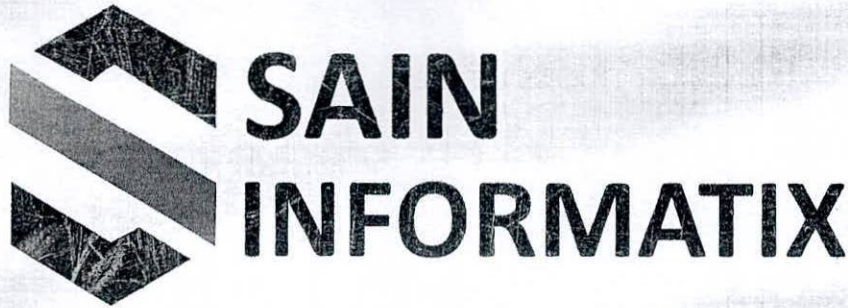
29/9/22

Forwarded  
Date

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bangalore - 560 057



1SGEC104



## CERTIFICATE OF INTERNSHIP

This is to certify that **Poornima S** whose USN is **1SG19EC061**, has completed their **Full Stack Web Development** Internship organised and handled by Sain Informatix from **10<sup>th</sup> October, 2022** to **10<sup>th</sup> November, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Template for a crackre ielts**. This project was aimed at creating fully-fledged functional web template(s) for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



**SAIN INFORMATIX**

1122, Cellar Floor, Service Road

Hampi Nagar, Bengaluru

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

[www.saininformatix.tech](http://www.saininformatix.tech)

[info@saininformatix.tech](mailto:info@saininformatix.tech)

This certificate was generated using [CERTIEFY.COM](http://CERTIEFY.COM)



# INTERNSHIP OFFER LETTER



Date: 14<sup>th</sup> October, 2022

Name: Poornima S

USN: 1sg19ec061

Dear Student,

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Sain Informatix Pvt Ltd**, effective Start Date 14<sup>th</sup> October, 2022, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Santnu

**Product Manager**

SAIN INFORMATIX PVT LTD

*Bangaluru, India*

A handwritten signature in blue ink, appearing to be 'B', written over a horizontal line.

Principal

Sapthagiri College of Engineering  
14/5, Chikkaasandra, Hosanghatta Main Road  
Bengaluru - 560 057



Ref. No. SCE/Rec/7086 /2022-23

9<sup>th</sup> March 2023

To,  
Sain Informatics Private Ltd Company,  
Hampinagar,  
Bangalore.

Dear Sir,


This is to certify that **Ms. Poornima S** bearing **USN :1SG19EC061** is a bonafide student of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

Further, the said student has undergone internship training from 10<sup>th</sup> October 2022 to 10<sup>th</sup> November 2022.

Her character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560 057

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560 057



Date: 28/02/23  
Place: Bangalore

Manjunath M

ISG19EC001

CCE SA

Sapthagiri College of Engineering  
Bangalore - 57

The Head of Department

Department of CCE

Sapthagiri College of Engineering  
Bangalore - 57

1) DARSHAN PATEL  
ISG19EC024

2) PAVAN KS  
ISG19EC060

3) PK SHRIRAM  
ISG19EC059

4) DINESH B  
ISG19EC018

5) MANJUNATHA M  
ISG19EC051 15.325

6) KUSHAL BHARADWAJ  
ISG19EC048

Respected Sir,

Sub: "Requesting permission for Internship"

I hereby bring to your kind notice that an  
internship is being conducted at 'Nano Robotics Embedded Technologies  
Pvt. Ltd. Bangalore. I would like to attend the Internship  
from 28/2/23 to 30/3/23 so I kindly request you to  
grant me permission to attend this internship without  
disturbing the class.

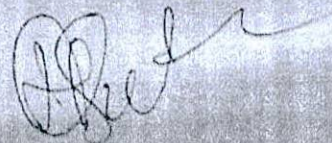
Thank you

Yours sincerely

Manjunath M

{ISG19EC001}

Forwarded





Principal  
Sapthagiri College of Engineering  
445, Chikkasandra, Heagarahatta Main Road  
Bangalore - 560 057

28/2/23





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7050/2022-23

28<sup>th</sup> February 2023

To,  
Nano Robotics,  
Matthikere,  
Bangalore - 560054.

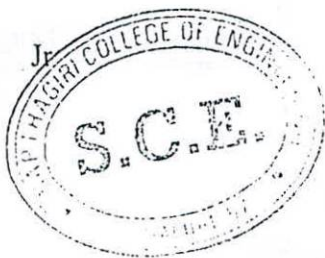
Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Darshan Patel	1SG19EC024
2	Mr. Pavan K S	1SG19EC060
3	Mr. P K Shriram	1SG19EC059
4	Mr. Dinesh B	1SG19EC028
5	Mr. Manjunatha M	1SG19EC051
6	Mr. Kushal Bharadwaj B A	1SG19EC048

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 30<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

REF: NRET/ITE/2022/23/190

DATE: 23/01/2023

## Internship Acceptance Letter

To,

The HOD,  
Department of Electronics and Communication Engineering.  
Sapthagiri College of Engineering  
Bangalore.

Respected Sir / Madam,

Subject: Internship Acceptance Letter.

I am pleased to inform you behalf of "NANO ROBOTICS EMBED TECHNOLOGIES", that Mr. PAVAN K S with USN ISG19EC060, application for the **Internship** Opportunity On "SMART HOME SECURITY USING IOT" has been accepted by the Management.

This was based on the application Submission. Management has expressed a positive response and trust that you have one of the best results among the applicants. The internship will include training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on application.

### Responsibilities:

- Programming and implementing software of Embedded Devices. Solid program experience in Python.
- Designing, developing, coding, testing and debugging system software.
- Hands on development and troubleshooting with Machine learning algorithms.

  
BABA FAKRUDDIN ALI BH  
Technical Manager

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hezaraghatta Main Road  
Bangalore - 560 057

Office: #27/I, 14<sup>th</sup> Main, Gokula 1<sup>st</sup> Stage, Mathikere, Bangalore-560054.

Contact No: +91-9964137725, +91-9060620102. Website: [www.nanorobotics.in](http://www.nanorobotics.in)





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

ISO 9001:2015 Certified Company

Ref: NRET/ITE/2022/23/284

Date: 03/04/2023

## TO WHOM IT MAY CONCERN

This is to certify that **Mr. PAVAN K S**, with **USN 1SG19EC060**, has worked as Technical Intern with **Nano Robotics Embed Technologies**, from 28<sup>th</sup> February-2023 to 30<sup>th</sup> March- 2023. He worked on different modules and hands-on development of project titled as “**SMART TRASH CAN MONITORING USING IOT**” including architecture, Electronic design and communication protocols. His internship had training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on applications.

### **Responsibilities:**

- Programming and implementing software of embedded devices. Solid program experience in c.
- Designing, developing, coding, testing and debugging system software.
- Interface with hardware design and development.
- Hands on development and troubleshooting with embedded targets.

During the period of his internship program with us he was found punctual, hardworking and inquisitive. We wish him every success in life.

  
**HABA FAKRUDDIN ALIB H**  
Technical Manager

  
Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Office: #27/1, 14<sup>th</sup> Main, Gokula 1<sup>st</sup> Stage, Mathikere, Bangalore-560054.

Contact No: +91-9964137725, +91-9060620102. Website: [www.nanorobotics.in](http://www.nanorobotics.in)



Date: 28/02/23  
Place: Bangalore

Manjunath M

ISG19EC051

ECCE 80

Sapthagiri College of Engineering  
Bangalore - 57

1) DARSHAN PATEL  
ISG19EC024

2) PAVAN KS  
ISG19EC060

3) PK SHRI RAM  
ISG19EC057

4) DINESH . B  
ISG19EC028

5) MANJUNATHA M  
ISG19EC051 - 15325

6) KUSHAL BHARADWAJ  
ISG19EC048

The Head of Department

Department of ECE

Sapthagiri College of Engineering  
Bangalore - 57

Respected Sir,

Sub: "Requesting permission for internship"

I hereby bring to your kind notice that an internship is being conducted at 'Nano Robotics, Embedded Technologies, Mahalakshmi, Bangalore'. I would like to attend the internship from 28/2/23 to 30/3/23 so I kindly request you to grant me permission to attend this internship without disturbing the class.

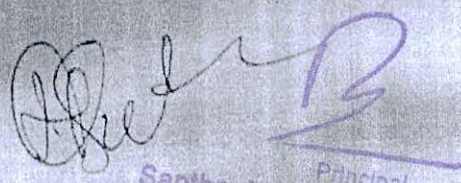
Thank you

Yours sincerely

Manjunath M

ISG19EC051

Forwarded



Principal  
Sapthagiri College of Engineering  
145, Mahalakshmi, Mahalakshmi Main Road  
Bangalore - 560 057

28/2/23





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7050/2022-23

28<sup>th</sup> February 2023

To,  
Nano Robotics,  
Matthikere,  
Bangalore - 560054.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Darshan Patel	1SG19EC024
2	Mr. Pavan K S	1SG19EC060
3	Mr. P K Shriram	1SG19EC059
4	Mr. Dinesh B	1SG19EC028
5	Mr. Manjunatha M	1SG19EC051
6	Mr. Kushal Bharadwaj B A	1SG19EC048

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 30<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*B*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

ISO 9001:2015 Certified Company

REF: NRET/ITE/2022/23/193

DATE: 23/01/2023

## Internship Acceptance Letter

To,

The HOD,  
Department of Electronics and Communication Engineering,  
Sapthagiri College of Engineering  
Bangalore.

Respected Sir / Madam,

**Subject:** Internship Acceptance Letter.


I am pleased to inform you behalf of "NANO ROBOTICS EMBED TECHNOLOGIES", that **Mr. P K SHRIRAM** with **USN 1SG19EC059**, application for the **Internship** Opportunity On "**SMART VEHICLE USING IOT**" has been accepted by the Management.

This was based on the application Submission. Management has expressed a positive response and trust that you have one of the best results among the applicants. The internship will include training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on application.

### Responsibilities:

- Programming and implementing software of Embedded Devices. Solid program experience in Python.
- Designing, developing, coding, testing and debugging system software.
- Hands on development and troubleshooting with Machine learning algorithms.

  
**BABA FAKRUDDIN ALI B H**  
Technical Manager

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057

Office: #27/I, 14<sup>th</sup> Main, Gokula I<sup>st</sup> Stage, Mathikere, Bangalore-560054.

Contact No: +91-9964137725, +91-9060620102. Website: [www.nanorobotics.in](http://www.nanorobotics.in)





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

ISO 9001:2015 Certified Company

Ref: NRET/ITE/2022/23/285

Date: 03/04/2023

## TO WHOM IT MAY CONCERN

This is to certify that **Mr. P K SHRIRAM**, with **USN 1SG19EC059** has worked as Technical Intern with **Nano Robotics Embed Technologies**, from 28<sup>th</sup> February-2023 to 30<sup>th</sup> March- 2023. He worked on different modules and hands-on development of project titled as **"SMART VEHICLE MONITORING USING IOT"** including architecture, Electronic design and communication protocols. His internship had training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on applications.

### **Responsibilities:**

- Programming and implementing software of embedded devices. Solid program experience in c.
- Designing, developing, coding, testing and debugging system software.
- Interface with hardware design and development.
- Hands on development and troubleshooting with embedded targets.

During the period of his internship program with us he was found punctual, hardworking and inquisitive. We wish him every success in life.

  
**BABA FAKRUDDIN ALI B H**  
Technical Manager

  
Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesareghatta Main Road  
Bangalore - 560 057

**Office:** #27/I, 14<sup>th</sup> Main, Gokula 1<sup>st</sup> Stage, Mathikere, Bangalore-560054.

**Contact No:** +91-9964137725, +91-9060620102. **Website:** [www.nanorobotics.in](http://www.nanorobotics.in)



From,  
Nirika Kumari

Date-31/01/2023

ISG19EC058  
Sapthagiri College of Engineering  
Bangalore-57

To,  
Head of Department  
Electronic & Communication  
Sapthagiri College of Engineering

Respected Sir,

Subject: Request for permission to attend internship

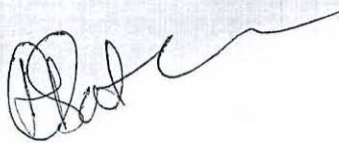
I Nirika Kumari of ECE-A writing this letter asking  
for permission to attend internship at 'lekha Wireless  
Solutions Private Limited from 6/02/2023 to 18/03/2023

Kindly Grant me permission to attend the  
internship.

Thanking You,  
Your's Sincerely  
Nirika Kumari

ISG19EC058

Nirika

permitted  


  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057





## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering

Academic Year: 2022- 2023

2<sup>nd</sup> February 2023

To

The Manager,

Lekha wireless solutions pvt.ltd.

Bengaluru

Dear Sir,

Following are bonafide student of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

Sl.no.	Name	USN
1	Nitika Kumari	1SG19EC058

Further the said students are permitted to undergo industrial/internship training from 6<sup>th</sup> February 2023 to 18<sup>th</sup> march 2023.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



**TO WHOMSOEVER IT MAY CONCERN**

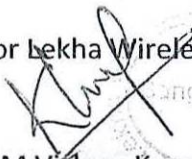
This is to certify that Ms. Nitika Kumari (USN No. 1SG19EC058) pursuing Final Year BE-ECE in Sapthagiri College of Engineering, Bengaluru, is doing an Internship at Lekha.

**Below are the project details:**

**Internship Topic:** Synchronisation Signals in 5G NR

The Internship started from 6<sup>th</sup> February, 2023 to 18<sup>th</sup> March, 2023 with M/s Lekha Wireless Solutions Pvt. Ltd, Bangalore.

For Lekha Wireless Solutions Pvt. Ltd.

  
K M Vishwa Kumar  
Manager – Human Resources

Date: 20<sup>th</sup> April, 2023

  
Principal  
Sapthagiri College of Engineering  
1/5, Chikkasandra, Heesarahatta Main Road  
Bengaluru-560 057





**Compsoft Technologies**

Providing a Complete Suite of IT Solutions

## CERTIFICATE OF INTERNSHIP

This is to certify that **Nirupama G** whose USN is **15G19EC057**, has completed their **Machine Learning With Python(Research Based)** Internship organised and handled by **Compsoft Technologies** from **1<sup>st</sup> October, 2022** to **30<sup>th</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Chatbot for Healthcare System**, As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



No. 302, 1<sup>st</sup> Block Rajajinagar

Bangalore - 560010

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heasarahalli Main Road  
Bangalore - 560 057

[www.compstechnologies.com](http://www.compstechnologies.com)

[services@compstechnologies.com](mailto:services@compstechnologies.com)

This certificate was generated using CERTIEFY.COM





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6600/2022-23

8<sup>th</sup> October 2022

To,  
Cornpsoft Technologies Pvt Ltd.,  
Bangalore.

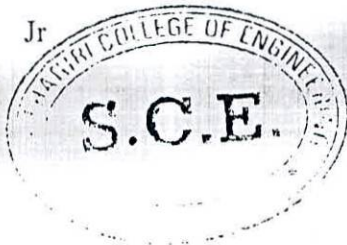
Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Bhuvana K S	1SG19EC016
2	Ms. Nirupama G	1SG19EC057

Further, the said students is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 30<sup>th</sup> October 2022, without disturbing the academics.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





Date: 29<sup>th</sup> September, 2022

Name: Nirupama G  
USN: 1SG19EC057

Dear Student,

We would like to congratulate you on being selected for the **Machine Learning With-Python(Research Based)** Internship position with **Compsoft Technologies**, effective Start Date **1<sup>st</sup> October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Machine Learning With Python(Research Based)** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!.

Sincerely,

Nithin K. S  
**Project Manager**  
COMPSOFT TECHNOLOGIES  
No. 363, 19<sup>th</sup> main road,  
1<sup>st</sup> Block Rajajinagar  
Bangalore - 560010

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasaraghatta M-I Road  
Bangalore - 560 05





# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

## Department of Electronics & communication Engineering

Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,


Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.


Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**MONICA VALENTINA M** (USN-1SG19EC056)

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Implementation of Boolean equation (ABC)+D' using  
Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



*(Signature)*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*(Signature)*  
Ashwini DM

Head Training Programs



Monica Valentina M. (18G19EC056)

1<sup>st</sup> Year A Sec, ECE  
Sapthagiri College of Engineering  
Bangalore - 560057

20<sup>th</sup> August 2022

To  
The Principal  
Sapthagiri College of Engineering  
Bangalore - 560057

Respected Sir,

Subject: Requesting for permission letter to do  
internship.

As the above mentioned subject, I request  
you to grant permission to do internship at  
Technoscan Solutions Ltd. in our college and request  
you to give permission letter for the same starting  
from 2<sup>nd</sup> August to 17<sup>th</sup> September

(2<sup>nd</sup> to 10<sup>th</sup> 31/8/22)

Thanking You,

Yours faithfully,

for paid for Ay 2022-23 (7<sup>th</sup> 8<sup>th</sup> sem) Monica Valentina M  
for 29/9/22.  
(Principal)

for 2022  
paid  
20/9/22

30/9  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesareghatta Main Road  
Bangalore - 560 057



From,

Mohammed Moulana (ISG19EC055).

8<sup>th</sup> Sem, 'A' Sec. ECE,

Sapthagiri College of Engineering.

Bangalore- 560057

To,

The Principal,

Sapthagiri College of Engineering.

Bangalore- 560057

**Subject:** Requesting Permission Letter for Internship.

Respected Sir,

I request you to grant me permission letter to do internship at *Karunadu Technologies Pvt. Ltd.* from 21-02-2023 to 22-03-2023.

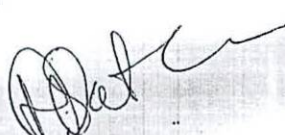
Thanking you.

Yours's Faithfully,

Mohammed Moulana,

ISG19EC055.



*Permit  
for awarded*  


*No due  
for*

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosangudi Main Road  
Bangalore- 560057





ಕರುನಾಡು ಟೆಕ್ನಾಲಜೀಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್

KARUNADU TECHNOLOGIES PRIVATE LIMITED

#17, A.T.K. Complex, 2nd & 4th Floor, Acharya College Main Road, Beside Karur Vysya Bank,  
Guttesbasaveshwara Nagar, Chikkabanavara, Bengaluru - 560090

Ref No: KTPT/INT/2023/0106

Date: 26-Apr-2023

## To Whomsoever It May Concern

### CERTIFICATE

This is to certify that Mr/Ms. MOHAMMED MOULANA from Sapthagiri collage of Engineering bearing USN-1SG19EC055 has successfully completed internship programme at Karunadu Technologies Private Limited from 21-Feb-2023 to 22-Mar-2023 and found the candidate's performance is good.

During his/her Internship, he/she was exposed to the various activities in field of Embedded and IoT.

During the period of his/her Internship training with us he/she was found punctual, hardworking and inquisitive.

His/her association with us was very fruitful and we wish him/her all the best for his/her future.

  
HARISH N

GUIDE

Karunadu Technologies Pvt.Ltd.



MAHESH DEGINAL

Managing Director

Karunadu Technologies Pvt.Ltd.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasaraghatta Main Road  
Bengaluru - 560 057

Registered Office:

No. 59, 2nd Main, 1st Cross, Near Singapura Village Bus Stop, Vidyananyapura, Bengaluru - 560064 ,  
CIN: U74999KA2018PTC114911, Mob: +91 9964823646 / +91 9902913646 E-mail: karunadutechnologies@gmail.com ,  
support@karunadutechnologies.com, Website: www.karunadutechnologies.com





# Karunadu Technologies Private Limited

Head Office: #17, ATK complex, 2nd & 4th Floor, Acharya College Main Road, Beside Karur Vysya Bank,  
Guttesbasaveshwaranagar, Chikkabanvara, Bengaluru, Karnataka- 560090

## Acceptance Letter

Date: 21-Feb-2023

Dear : MOHAMMED MOULANA

We are pleased to offer you an internship with **Karunadu Technologies Private Limited**. This is an educational internship. Our goal for you is to get exposure to industrial experience.

**Internship Domain:** Internet of Things & It's Applications

**Internship Duration:** 21-Feb-2023 to 21-Mar-2023

**Supervisor for internship:** Harish N

**Responsibilities:** Your duties include Embedded and IOT Development as well as other duties that may be assigned to you from time to time.

We hope that your association with the company will be successful and rewarding. Please indicate your acceptance of the internship by signing below and returning it to **HR Department of Karunadu Technologies Private Limited**.

If you have any questions, please do not hesitate to contact us.

Congratulations on your internship!

Best Wishes,

M.D and CEO  
Mahesh Deginal

I hereby accept internship with **Karunadu Technologies Private Limited** on the terms and conditions set out in this letter.

Date : 21-02-23

Intern Name : MOHAMMED MOULANA

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

Signature:





# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

## Department of Electronics & communication Engineering

Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.


Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	Monica Valentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character, and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



**From,**

Mohammed Maaz Hameed (1SG19EC054),  
7<sup>th</sup> Sem, 'A' Sec, ECE,  
Sapthagiri College of Engineering,  
Bangalore- 560057

**To,**

The Principal,  
Sapthagiri College of Engineering,  
Bangalore- 560057

**Subject:** Requesting Permission <sup>letter</sup> ~~Letter~~ for Internship.

Respected Sir,

I request you to grant me permission letter to do internship at *Technocarve Solution Ltd.* in our college from 01-08-2022 to 1-10-2022.

Thanking you.

Yours's Faithfully,  
Mohammed Maaz Hameed,  
1SG19EC054.

*MH*

*Per request forwarded*

*Datta*

Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Bangalore - 560 057.

*Noted  
Jyoti*

*B*

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**MOHAMMED MAAZ (USN-1SG19EC054)**

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of 4 Input NOR Gate with Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



*B*  
Principal  
Sapthagiri College of Engineering  
M/S. Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

*Ashwini DM*  
Ashwini DM

Head - Training Programs



**From,**

Manya Upadhyay (ISG19EC053).

7<sup>th</sup> Sem. 'A' Sec, ECE.

Sapthagiri College of Engineering,

Bangalore- 560057

**To,**

The Principal,

Sapthagiri College of Engineering,

Bangalore- 560057

**Subject:** Requesting Permission Letter for Internship.

Respected Sir,

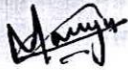
I request you to grant me permission letter to do internship at *Sicap India Pvt .Ltd.* in online mode from 17-12-2022 to 27-1-2023.

Thanking you.

Yours's Faithfully,

Manya Upadhyay,

ISG19EC053.



forwarded  
Date

Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Bangalore - 560 057

Nodee  
Syrat

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bangalore - 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**MANOJ H**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **20<sup>th</sup> August 2022 to 20<sup>th</sup> September 2022**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



Mallikarjun Kumbar  
Director



MSME  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Sapthagiri College of Engineering  
Chikkasandra, Hosuraghatta Main Rd,  
Bengaluru - 560 057



Ref. No. SCE/Rec/6567/2022-23

30<sup>th</sup> September 2022

To,  
Takeit Smart,  
Bangalore.

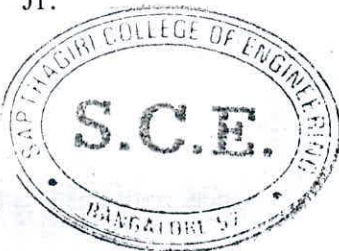
Dear Sir,

This is to certify that **Mr. Manoj H** bearing **USN :1SG19EC052** is a bonafide student of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

Further, the said student is permitted to undergo internship training from 3<sup>rd</sup> October 2022 to 5<sup>th</sup> November 2022.

His character and conduct is satisfactory.

Jr.



Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road



Date: 28/02/23

Place: Bangalore

From

Manjunath . M

ISG19EC051

ECE 8th

Sapthagiri College of Engineering

Bangalore - 57

1) DARSHAN PATEL

ISG19EC024 ✓

2) PAVAN KS

ISG19EC060 ✓

3) PK SHRIRAM

ISG19EC059 ✓

4) DINESH . B

ISG19EC028 ✓

5) MANJUNATHA . M

ISG19EC051 ✓ 15.3.23

6) KUSHAL BHARADWAJ

ISG19EC048 ✓

To  
The Head of Department

Department of ECE

Sapthagiri College of Engineering

Bangalore - 57

Respected Sir,

Sub: " Requesting permission for internship"

I hereby bring to your kind notice that an internship is being conducted at 'Nano Robotics, Embedded technologies' in Kere, Bengaluru. I would like to attend the internship from 28/2/23 to 30/3/23 so I kindly request you to grant me permission to attend this internship without disturbing the class.

Thank you

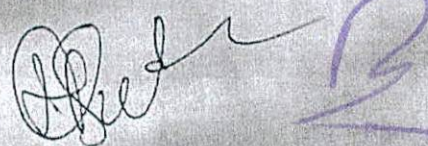
Yours sincerely

Manjunath . M

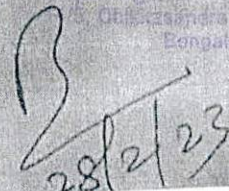
ISG19EC051

No DU  
5 for

Forwarded



Sapthagiri College of Engineering  
Off: 22nd, Hosur Road  
Bangalore - 560 037

  
28/2/23





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7050/2022-23

28<sup>th</sup> February 2023

To,  
Nano Robotics,  
Matthikere,  
Bangalore - 560054.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Darshan Patel	1SG19EC024
2	Mr. Pavan K S	1SG19EC060
3	Mr. P K Shriram	1SG19EC059
4	Mr. Dinesh B	1SG19EC028
5	Mr. Manjunatha M	1SG19EC051
6	Mr. Kushal Bharadwaj B A	1SG19EC048

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 30<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

REF: NRET/ITE/2022/23/192

DATE: 23/01/2023

## Internship Acceptance Letter

To,

The HOD,  
Department of Electronics and Communication Engineering.  
Sapthagiri College of Engineering  
Bangalore.

Respected Sir / Madam,

**Subject:** Internship Acceptance Letter.

I am pleased to inform you behalf of "NANO ROBOTICS EMBED TECHNOLOGIES", that Mr. MANJUNATHA M with USN 1SG19EC051, application for the Internship Opportunity On "FLOOD DETECTION SYSTEM USING IOT" has been accepted by the Management.

This was based on the application Submission. Management has expressed a positive response and trust that you have one of the best results among the applicants. The internship will include training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on application.

### Responsibilities:

- Programming and implementing software of Embedded Devices. Solid program experience in Python.
- Designing, developing, coding, testing and debugging system software.
- Hands on development and troubleshooting with Machine learning algorithms.

  
HABA FAKRUDDIN ALI B H  
Technical Manager

Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057

Office: #27/I, 14<sup>th</sup> Main, Gokula 1<sup>st</sup> Stage, Mathikere, Bangalore-560054.

Contact No: +91-9964137725, +91-9060620102. Website: [www.nanorobotics.in](http://www.nanorobotics.in)





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

ISO 9001:2015 Certified Company

Ref: NRET/ITE/2022/23/289

Date: 03/04/2023

## TO WHOM IT MAY CONCERN

This is to certify that **Mr. MANJUNATH M**, with **USN 1SG19EC051** has worked as Technical Intern with **Nano Robotics Embed Technologies**, from 28<sup>th</sup> February-2023 to 30<sup>th</sup> March- 2023. He worked on different modules and hands-on development of project titled as “**FLOOD DETECTION SYSTEM USING IoT**” including architecture, Electronic design and communication protocols. His internship had training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on applications.

### **Responsibilities:**

- Programming and implementing software of embedded devices. Solid program experience in c.
- Designing, developing, coding, testing and debugging system software.
- Interface with hardware design and development.
- Hands on development and troubleshooting with embedded targets.

During the period of his internship program with us he was found punctual, hardworking and inquisitive. We wish him every success in life.

  
**DABA FAKRUDDIN ALI B H**  
Technical Manager

  
Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Office: #27/1, 14<sup>th</sup> Main, Gokula 1<sup>st</sup> Stage, Mathikere, Bangalore-560054.  
Contact No: +91-9964137725, +91-9060620102. Website: [www.nanorobotics.in](http://www.nanorobotics.in)



From

Nanish Shah R

ISG19EC050

ECE 7th sem A

Sapthagiri College of Engineering

To

Head of department

Electronics and communication

Sapthagiri College of Engineering

Bangalore-57

Respected Sirs

Subject: Permission for attending internship

I Nanish Shah R (ISG19EC050) of ECE department 8th semester

I am requesting you to grant me permission to attend internship at "Take It Smart" from March 6 to April 6.

So I request you to give permission to attend the internship.

I would attend internship without disturbing the class. If failed, internship would be cancelled.

Thank You



Nanish Shah R

forwarded



order  
2/24

  
Principal  
Sapthagiri College of Engineering  
415, Chikkaandra, Resara, 1st Cross, 1st Stage,  
Bangalore - 560





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **MANISH SHAH R**

Dear Mr/Mrs. : **MANISH SHAH R**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from **6<sup>th</sup> March 2023**. You will be working on project development **Embedded System & IOT** Your assignment concludes on **April 6<sup>th</sup> 2023**.

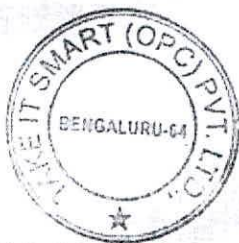
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040

Bengaluru, Karnataka - 560 064.



TAKE IT SMART



Ref. No. SCE/Rec/7094/2022-23

Dt. : 11<sup>th</sup> March' 2023

To,  
Takeit Smart,  
Vijayanagar  
Bangalore. – 560040.

Dear Sir,

This is to certify that **Mr. Manish Shah R** bearing USN : **1SG19EC050** is a bonafide student of this college studying Fourth year B.E in Electronics and Communication Engineering course in the academic year 2022 - 2023.

Further, the said student may be permitted to undergo industrial/internship training from 6<sup>th</sup> March 2023 to 6<sup>th</sup> April 2023.

His character and conduct is satisfactory.

He may be kindly permitted and oblige.



14/5, Chikkasandra, Hosaraghatta Main Road,  
Bengaluru - 560 057  
Sapthagiri College of Engineering

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hosaraghatta Road  
Bangalore-560 057



Ref. No. SCE/Rec/7160/2022-23

19<sup>th</sup> April'2023

To,  
Techno Carv Solution Ltd.,  
Bangalore.


Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics & Communication Engineering Course in the academic year 2022 - 23.

SL. No	Name	USN No
1	Ms. Bhoomika N	1SG19EC015
2	Ms. Bindhu H C	1SG19EC017
3	Ms. Inchara V	1SG19EC041
4	<u>Ms. Latha T S</u>	1SG19EC049
5	Ms. Vandhana S	1SG19EC111

Further, the said students have undergone industrial/internship training from 1<sup>st</sup> August' 2022 to 1<sup>st</sup> October' 2022. Their character and conduct are satisfactory.



  
Principal 19/4/23  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7050/2022-23

28<sup>th</sup> February 2023

To,  
Nano Robotics,  
Matthikere,  
Bangalore - 560054.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Darshan Patel	1SG19EC024
2	Mr. Pavan K S	1SG19EC060
3	Mr. P K Shriram	1SG19EC059
4	Mr. Dinesh B	1SG19EC028
5	Mr. Manjunatha M	1SG19EC051
6	Mr. Kushal Bharadwaj B A	1SG19EC048

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 30<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





# SAPTHAGIRI COLLEGE OF ENGINEERING

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(Accredited by NBA for ECE,CSE,ISE,ME,EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7113/2022-23

21<sup>st</sup> March 2023

To,  
The HR Manager,  
Bharath Electronics Ltd.,  
Bangalore.

Dear Sir,

This is to certify that Ms. Kokila A S bearing USN :1SG19EC045 is a bonafide student of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

Further, the said student is permitted to undergo internship training from 27<sup>th</sup> March 2023 to 2<sup>nd</sup> May 2023. Without disturbing the academics.

Her character and conduct is satisfactory.

Jr.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in



# CENTRE FOR LEARNING AND DEVELOPMENT

**BHARAT ELECTRONICS LIMITED**  
(A Govt. of India Enterprise, Ministry of Defence)  
Jalahalli Post, Bengaluru - 560 013, India

## Certificate

*This is to certify that*

Sri./Smt/Kum .. **KOKILA .. A. S.** .....

Ref No. ... **1410 / CLD / HR / 2022-23 / 27 / 724** .....

student of .. **SAPTHAGIRI COLLEGE OF** .....

..... **ENGINEERING - BANGALORE** .....

carried out Project Work/Internship on .....

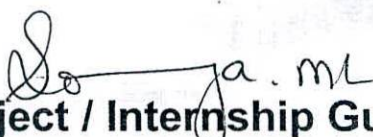
..... **OVERVIEW OF COMPONENTS** .....

in .. **COMPONENTS** .....

SBU/CSG of BEL, Bengaluru from ... **29 MAR 2023** .....

to ... **28 APRIL 2023**

*He/She was regular and punctual in his/her attendance  
and his/her conduct was satisfactory during the period.*

  
**Project / Internship Guide**

**Date : 28/04/2023**

**Place : Bengaluru**

  
**Principal**  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057

  
**Head (HR/CLD)**

**सुजाता फ्रांसिस / SUJATHA FRANCIS**  
प्रबंधक (म. सं / सी एल डी)  
**MANAGER (HR/CLD)**  
भारत इलेक्ट्रॉनिक्स लिमिटेड  
**BHARAT ELECTRONICS LTD.**  
जी पोस्ट बंगलुरु-560 013



1 MEM,

Shilpa. S [ISG20EC411]

6<sup>th</sup> Sem, 'A' sec ECE

Sapthagiri collage of Engineering  
Bangalore - 560057

Nanditha G [ISG20EC405]

Kavana. TR [ISG19EC043]

(Kavana. T. R ISG19EC043)

To,

The Principal  
Sapthagiri collage of Engineering  
Bangalore - 560057

Respected Sir,

Subject: Requesting for permission letter to do  
internship

As the above mentioned subject, I request you to  
grant permission to do internship at "Take It Smart Pvt Ltd"  
from 14/02/2023 to 16/03/2023. So I request you  
to kindly give permission.

Thanking you,

forwarded



11/02/23  
11/02/23

Yours faithfully  
Shilpa

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057



Ref. No. SCE/Rec/7042/2022-23

23<sup>rd</sup> February 2023

To,  
Take it Smart Pvt Ltd.,  
Bangalore.

Dear Sir,

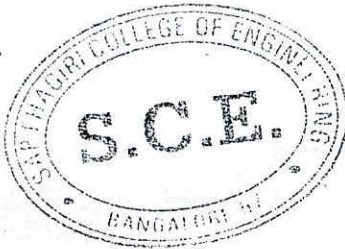
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Shilpa S	1SG20EC411
2	Ms. Kavana T R	1SG19EC043
3	Ms. Nanditha G	1SG20EC405

Further, the said students are permitted to undergo internship training from 14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
1/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**KAVANA T R**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IoT**

From **14<sup>th</sup> February 2023 to 16<sup>th</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



#startupindia

*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 057



**Mallikarjun Kumbhar**  
Director



From,  
Avinash H.M  
8<sup>th</sup> sem, A sec  
ECE Department  
Sapthagiri College of Engineering  
Bangalore - 560057  
14.02.2023

Bhalgav A (1SG19EC012) ✓  
Avinash H.M (1SG19EC011) ✓  
Anil Kumar Yadav P (1SG19EC007) ✓  
Kishan C.S (1SG19EC044) ✓

fee 2022  
paid  
14/2/23

To,  
The Head of Department  
ECE Department  
Sapthagiri College of Engineering  
Bangalore - 560057

Respected sir

Subject: Requesting to attain internship

I'm Avinash H.M (1SG19EC011) studying in 8<sup>th</sup> sem 'A' sec  
ECE Department is requesting you to allow me to attend  
the internship in "SNS Industries" from 15.02.2023  
to 17.03.2023.

I kindly request you to grant me permission to do my  
internship. Please do oblige.

Thanking You

Yours faithfully

Avinash H.M

forwarded

Date

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hebbal, Main Road  
Bangalore - 560 037





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7006 /2022-23

14<sup>th</sup> February ' 2023

To  
SNS Industries,  
Peenya,  
Bangalore - 560058.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl.No.	Name	USN No.
1	Mr. Bhargav A	ISG19EC012
2	Mr. Anil Kumar Yadav P	ISG19EC007
3	Mr. Avinash H M	ISG19EC011
4	Mr. Kishan C S	ISG19EC044

Further, the said students may be permitted to undergo industrial/internship training only during the vacation period from 15<sup>th</sup> February '2023 to 17<sup>th</sup> March '2023.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.



*[Handwritten signature]*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraaghatta Road  
Bangalore- 560 057

*[Handwritten signature]*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraaghatta Road  
Bangalore- 560 057

14/5, Chikkasandra, Hesaraaghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in




Date: 05/04/2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. KISHAN C.S (USN: 1SG19EC044)**, 4th Year BE Electronics and Communication student of Sapthagiri college of Engineering, Bangalore has successfully completed his Internship study from 15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023 at our company. During this period of internship programme he was found punctual, hardworking & Inquisitive.

We wish him every success in his future Endeavour's.

For **SNS INDUSTRIES**  
Authorized Signatory

Principal

**Sapthagiri College of Engineering**  
#4/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 045



To,  
HOD

Department of ECE  
Sapthagiri College of Engineering

Date : 29/9/2022

From,

Hitaishi.S

Department of ECE  
Sapthagiri College of Engineering


Respected Sir,

Subject :- Permission for attending internship.  
~~I~~ I Hitaishi.S studying in VII<sup>th</sup> A  
request you to grant me permission to  
attend internship from the company  
Take it smart pvt limited from 1<sup>st</sup>  
October to 1<sup>st</sup> November 2022 on  
machine learning using python.

Thanking you,

Yours sincerely

Hitaishi.S

Permitted  


Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Haseenahalli Main Road  
Bengaluru - 560 057





LOGITECH  
HITAISHI.S

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6573/2022-23

30<sup>th</sup> September 2022

To,  
Takeit Smart,  
Bangalore.

Dear Sir,

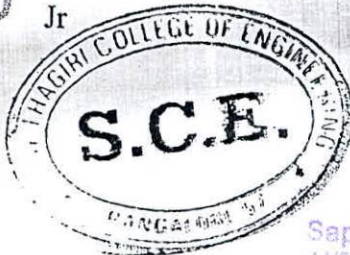
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Shivani V	1SG19EC092
2	Ms. Ananya P	1SG19EC006
3	Mr. Hitaishi S	1SG19EC040

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 1<sup>st</sup> November 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*Principal*  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**HITAISHI S**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **1<sup>st</sup> October 2022 to 1<sup>st</sup> November 2022**

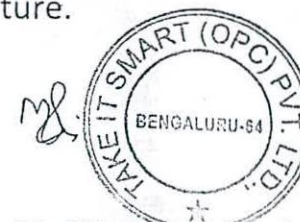
we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सुक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



Mallikarjun Kumbhar  
Director



1SG19EC041

Ref. No. SCE/Rec/7160/2022-23

19<sup>th</sup> April'2023

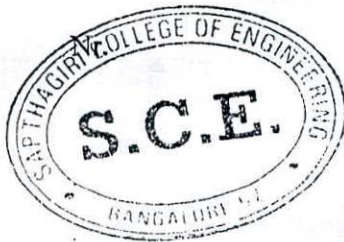
To,  
Techno Carv Solution Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics & Communication Engineering Course in the academic year 2022 - 23.

SL. No	Name	USN No
1	Ms. Bhoomika N	1SG19EC015
2	Ms. Bindhu H C	1SG19EC017
3	<u>Ms. Inchara V</u>	1SG19EC041
4	Ms. Latha T S	1SG19EC049
5	Ms. Vandhana S	1SG19EC111

Further, the said students have undergone industrial/internship training from 1<sup>st</sup> August' 2022 to 1<sup>st</sup> October' 2022. Their character and conduct are satisfactory.



Principal 19/4/23  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057



From,

Inchara.V

7<sup>th</sup> SEM 'A' sec, ECE

Sapthagiri College of Engineering

Bangalore - 560057

20<sup>th</sup> August 2022

To,

The Principal

Sapthagiri College of Engineering

Bangalore - 560057

Respected Sir,

Subject: Requesting for permission letter to do internship

As the above mentioned subject, we request you to grant permission to do internship at Technocare solutions ltd and request you to give permission letter for the same, starting from

01<sup>st</sup> August to ~~04<sup>th</sup> September~~ <sup>October</sup> 2022.

fee paid

Thanking you

forwarded

fee 2022  
paid

29/9/22

At

29/9/2022

your's faithfully

Inchara.V

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikka Sandra, Near Ashoka Main Road  
Bangalore - 560057



30/9/22





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

#62, 2nd Floor, 3rd A Main, MHL Layout, Bagalur, Bengaluru - 560094, Karnataka

## CERTIFICATE OF COMPLETION

**INCHARA V** (USN-1SG19EC041)

Has successfully completed VLSI INTERNSHIP PROGRAM in

**Design of Half Adder using NOR Gate**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Ashwini DM

Head - Training Programs

Date 01/12/2022

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Main Road





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**HEMANTH KUMAR L**

Student of SAPTHAGIRI COLLEGE OF ENGINEERING

Has completed Internship in Embedded System and IOT

From 23<sup>rd</sup> February 2023 to 25<sup>th</sup> March 2023

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



Principal

Sapthagiri College of Engineering  
#5, Chikkasandra, Hesarghatta Main Road,  
Bengaluru - 560 057



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Mallikarjun Kumbar  
Director



Ref. No. SCE/Rec/7040/2022-23

23<sup>rd</sup> February 2023

To,  
Take it Smart Pvt Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022-2023.

SL No	Name	USN
1	Mr. Hemanth Kumar L	1SG19EC039
2	Mr. Harshan Gowda K H	1SG19EC035

Further, the said students are permitted to undergo internship training from 23<sup>rd</sup> February 2023 to 25<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **Mr/Mrs Hemanth kumar L**

Dear **Mr/Mrs. Hemanth kumar L**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 23<sup>rd</sup> February 2023. You will be working on project development **EMBEDDED SYSTEM AND IOT**. Your assignment concludes on March 25<sup>th</sup> 2023.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART



From,

Date - 23-02-2023

NG

R)

New Delhi)

Hemanth Kumar L

USN:19EC039

ECE 7<sup>th</sup> SEM 'A' Section

Sapthagiri college of Engineering  
Bangalore - 57

To,

The Head of the department  
Electronics and communication  
Sapthagiri college of Engineering  
Bangalore - 57

en

ics

Respected Sir,

Subject:- Requesting Permission for internship.

I am Hemanth Kumar L bearing USN:19EC039  
ECE 7<sup>th</sup> Sem 'A' Section, I am requesting permission

to attend internship at Take it Smart Pvt Ltd.

from ~~Feb 23~~ Feb 23 to 15 March 2023. So I request

You to give Permission to attend the Internship.

Online internship carried on Evening. We will be  
Present on Monday - Thursday class hours.

Thank You

Yours faithfully

Hemanth Kumar L.

23/2/2023

Registered for  
Data Analysis course  
in campus

23/2/2023

Sapthagiri College of Engineering  
14, Chikkaandra, Hesarachatta Main Road  
Bangalore - 560 057



From,

Hausktha. H.R.,  
E.C.E. 8th Sem,

Gopthogai college of Engineering.

To,

Dr. H.C. Satish Kumar

HOD

E.C.E department.

Gopthogai college of Engineering

Respected Sir,

Sub: Permission to do internship.

Please allow me and my classmates listed

below to do internship in Take it Smart

from 08/02/2023 to 31/03/2023, without disturbing  
the academics.

1. Chandelika. D - 15G19EC023
2. Gauriparvika. R - 15G19EC033
3. Hausktha. H.R. - 15G19EC037
4. Ravshini. V. - 15G19EC109

5. Meghona. H.P. - 15G19EC404

6. Pushpalatha. K.R. - 15G19EC408.

Permitted

Thank you,

Yours sincerely

Sapthagiri College of Engineering  
B, Chinnasaandra, Hesarachetty Main Road  
Bengaluru - 560037

Principal

B

Date: 08/02/2023

15G19EC037





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7052/2022-23

28<sup>th</sup> February 2023

To,  
Take It Smart Pvt Ltd.,  
Vijayanagar,  
Bangalore - 560040.

Dear Sir,

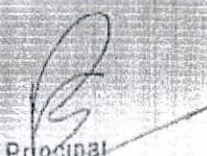
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Chandrika D	1SG19EC023
2	Ms. Gouri Priya R	1SG19EC033
3	Ms. Harshitha H G	1SG19EC037
4	Ms. V Varshini	1SG19EC109
5	Ms. Meghana H P	1SG20EC404
6	Ms. Pushpalatha K R	1SG20EC408

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 31st March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA,  
Ph: 080-28372800, 23130583, Fax: 08028372797  
Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **Harshitha H G**

Dear **Mrs. Harshitha H G**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 28<sup>th</sup> Febraury 2023. You will be working on project development **MACHINE LEARNING USING PYTHON** Your assignment concludes on March 31st 2023.

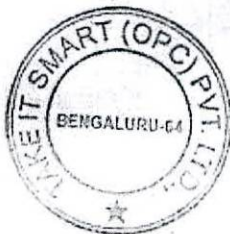
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesareghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040<sup>Wn</sup>,  
Bengaluru, Karnataka - 560 064.



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**HARSHITHA H G**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **28<sup>th</sup> February 2023 to 31<sup>st</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bengaluru - 560 057



Mallikarjun Kumbar  
Director



#startupindia



From,  
Harshika N  
15G19EG038  
7<sup>th</sup> Sem ECE 'A'  
Sapthagiri College of Engineering  
Bengaluru - 560057

To,  
HOD Principal,  
ECE Department  
Sapthagiri College of Engineering  
Bengaluru - 560057

Respected Sir,

Subject :- Requesting for permission letter to do  
Internship

As per the above subject, I request you to grant  
permission to do Internship at Techno Cam Solution  
I.T.D in our college and request you to give  
permission letter for the same starting from 1<sup>st</sup> Oct  
to 31<sup>st</sup> October.

Thanking you

forwarded  
Bader

Yours faithfully  
Harshika  
Signature

B  
30/9/22

Fee Paid  
Sully  
620/9/22

Sapthagiri College  
Bengaluru





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6575/2022-23

1<sup>st</sup> October ' 2022

To  
The Manager,  
Technocare Ltd.,  
Tumkur.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Ms. Deepika P	1SG19EC025
2	Ms. Harshitha N	1SG19EC038
3	Mr. Praveen B	1SG20EC407

Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bengaluru-560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**HARSHITHA.N** (USN-1SG19EC038)

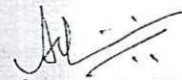
Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Implementation of Boolean Expression  $Y=((A+B)C+DE)$   
using Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
14/5, Dattasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Ashwini DM

Head - Training Programs



Ref. No. SCE/Rec/7040/2022-23

23<sup>rd</sup> February 2023

To,  
Take it Smart Pvt Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Hemanth Kumar L	1SG19EC039
2	Mr. Harshan Gowda K H	1SG19EC035

Further, the said students are permitted to undergo internship training from 23<sup>rd</sup> February 2023 to 25<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



*Principal*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*Principal*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

# TAKE IT SMART (OPC) PVT. LTD

## INTERNSHIP OFFER LETTER

Trainee Name: **Mr/Mrs Harshan Gowda K H**

Dear **Mr/Mrs. Harshan Gowda K H**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from **23<sup>rd</sup> February 2023**. You will be working on project development **EMBEDDED SYSTEM AND IOT**. Your assignment concludes on **March 25<sup>th</sup> 2023**.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 077

14,SGN Arcade, 1st Floor, 2nd stag  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**HARSHAN GOWDA K H**

Student of SAPTHAGIRI COLLEGE OF ENGINEERING

Has completed Internship in Embedded System and IOT

From 23<sup>rd</sup> February 2023 to 25<sup>th</sup> March 2023

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosareghatta Main Road,  
Bengaluru - 560 057



Mallikarjun Kumbar  
Director



#startupindia



Date:- 23/03/2023

From:-

Harshan gauda K.H  
15G19EC035

ECE 7<sup>th</sup> Sem 'A' Section

Sapthagiri college of engineering  
Bangalore-57.

To

The head of the department  
Electronics and Communication  
Sapthagiri college of engineering  
Bangalore-57

Respect Sir,

Subject:- Requesting permission for internship

I am Harshan gauda K.H USN: 15G19EC035 ECE 7<sup>th</sup> Sem  
A Section I am requesting permission to attend online  
internship at Tata IT Smart Pvt Ltd. from  
23/February<sup>nd</sup> to 25/march<sup>th</sup> 2023. So I request you to give  
permission to attend the internship  
online internship carried on evening monday-Friday  
into 7pm //

Thank you

Yours obediently  
Harshan gauda

Harshan  
Gauda

Registered  
for Data Analytics course  
in Campus  
forwarded 23/2/2023.  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, He  
Bangalore-57





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7010/2022-23

15<sup>th</sup> February 2023

To,  
GTTC, Rajajinagar,  
Industrial Area,  
Bangalore -560010.

Dear Sir,

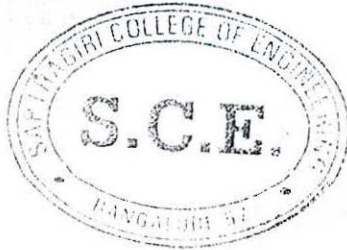
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Harshan Gowda K H	1SG19EC035
2	Mr. Hemanth Kumar L	1SG19EC039
3	Mr Harish Gowda T R	1SG19EC034


Further, the said students are permitted to undergo internship training from 15<sup>th</sup> February 2023 to 25<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057



SAPTHAGIRI COLLEGE OF ENGINEERING

Date: 10/02/23

From:-

Harishgoudar  
1561960034  
ECE 2<sup>nd</sup> SEM A SEC  
Sapthagiri college of engineering  
Bangalore-57

The Head of the department  
Department of ECE  
Sapthagiri college of engineering  
Bangalore-57

Respected Sir,

Subject: Requesting Permission for internship

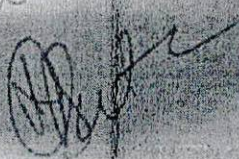
I am Harishgoudar department of ECE 2<sup>nd</sup> sem  
'n' section. I am requesting permission to attend internship  
at GTTC from Feb 10 to March 25. So I request  
you to give permission to attend the internship

Thank you

Yours faithfully

Harishgoudar

forwarded

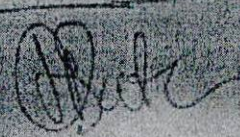


Harishgoudar

I will pay with in this Month before 28<sup>th</sup>

Recd.  
50000 paid.  
14/02/23  
P  
10/2/23

  
15/2/23

 28<sup>th</sup> Feb

Sapthagiri College of Engineering  
44th Cross Street, 4th Floor, Main Road  
Bangalore - 560002



**SIEMENS**

*Ingenuity for life*



# Certificate of Completion

siemens.co.in

This is to certify that **HARISH GOWDA T R**  
bearing number **KA/BLR/4001/02-2023/0012** has successfully  
completed Course

**Certificate Course in Automation and IOT (220 Hrs)**

Conducted at

**Siemens Centre of Excellence, GTTC, Bengaluru**

**ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ, ಬೆಂಗಳೂರು**

from **20/02/2023** to **23/03/2023**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Government Tool Room & Training Centre

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Authorized Signatory:

DesignTech Systems Limited





TAKE IT SMART

Gouri Priya R  
ISG/19EC033

87926 97647 / 80501 04212

www.takeitsmart.in  
info@takeitsmart.in

TAKE IT SMART (OPC) PVT. LTD

## INTERNSHIP OFFER LETTER

Trainee Name: Gouri Priya R

Dear Mr/Mrs. Gouri Priya R

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in TAKE IT SMART (OPC) PVT.LTD Office Bangalore. Your schedule will be beginning from 28<sup>th</sup> February 2023. You will be working on project development MACHINE LEARNING USING PYTHON Your assignment concludes on March 31<sup>st</sup> 2023.

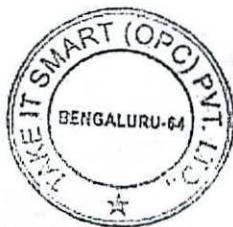
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14, SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
[www.takeitsmart.in](http://www.takeitsmart.in)

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**R GOURI PRIYA**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **28<sup>th</sup> February 2023 to 31<sup>st</sup> March 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikka Sandra, Hesareghatta Main Road  
Bengaluru - 560 057



**Mallikarjun Kumbhar**  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7052/2022-23

28<sup>th</sup> February 2023

To,  
Take It Smart Pvt Ltd.,  
Vijayanagar,  
Bangalore - 560040.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022-2023.

SL No	Name	USN
1	Ms. Chandrika D	ISG19EC023
2	Ms. Gouri Priya R	ISG19EC033
3	Ms. Harshitha H G	ISG19EC037
4	Ms. V Varshini	ISG19EC109
5	Ms. Meghana H P	ISG20EC404
6	Ms. Pushpalatha K R	ISG20EC408

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 31st March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosaraghatta Main Road  
Bangalore - 560 057

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hosaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hosaraghatta Main Road, Bengaluru - 560 057, KARNATAKA.

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in



15/01/2023

Date: 04/01/2023

Thiruvananthapuram

EC department

Capitago College of Engineering

37

To,

The HOD

HOD

EC department

Capitago College of Engineering

Respected Sir,

Sub: Permission to do Internship

Please allow me and my classmates listed below to do internship in Tata IT from 26/01/2023 to 31/03/2023, without disturb the academics

1. Chandrika D - ISB19EC023
2. Ganesapriya R - ISB19EC033
3. Harshita HC - ISB19EC034
4. Varshini V - ISB19EC109
5. Meghana H P - ISB19EC104
6. Pushpalatha K R - ISB19EC408

Thank you,

Permitted

Principal  
Capitago College of Engineering





# Take It Smart (OPC) PVT LTD

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Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**GIRISH REDDY S**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IoT**

From **6<sup>th</sup> March 2023 to 6<sup>th</sup> April 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



*Principal*  
**Sapthagiri College of Engineering**  
4/5, Chikkasandra, Hosur



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

**Mallikarjun Kumbar**  
Director





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **GIRISH REDDY S**

Dear Mr/Mrs. : **GIRISH REDDY S**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from **6<sup>th</sup> March 2023**. You will be working on project development **Embedded System and IOT** Your assignment concludes on **April 6<sup>th</sup> 2023**.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040

Bengaluru, Karnataka - 560 064.



TAKE IT SMART



To,  
The HR Manager.  
Sain Informatix,  
Hampinagar,  
Bangalore - 540040

Dear Sir,

This is to certify that **Ms. Gagana Kumari N** bearing **USN : 1SG19EC031** is a bonafide student of this college studying Fourth year B.E in Electronics and Communication Engineering Course in the academic year 2022 - 2023.

Further, the said student has undergone industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October ' 2022. In your organization.

Nr.



Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Road, Bangalore - 560 057



# INTERNSHIP OFFER LETTER



Date: 29<sup>th</sup> September, 2022

Name: **Gagana Kumari N**  
USN: **1SG19EC031**

**Dear Student,**

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Sain Informatix Pvt Ltd**, effective Start Date **1<sup>st</sup> October, 2022**. All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!

Sincerely,

Santhu  
**Product Manager**  
SAIN INFORMATIX PVT LTD  
Bangaluru, India

  
Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesareghatta Main Road  
Bangaluru - 560 057





## CERTIFICATE OF INTERNSHIP

This is to certify that **Gagana Kumari N** whose USN is **15G19EC031**, has completed their **Full Stack Web Development** Internship organised and handled by **Sain Informatix** from **1<sup>st</sup> October, 2022** to **31<sup>st</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Template - Cryptocurrency Informative site**. This project was aimed at creating fully-fledged functional **web template(s)** for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



SAIN INFORMATIX

1122, Cellar Floor, Service Road

Hampi Nagar, Bengaluru

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 097

[www.saininformatix.tech](http://www.saininformatix.tech)

[info@saininformatix.tech](mailto:info@saininformatix.tech)

This certificate was generated using [CERTIEFY.COM](http://CERTIEFY.COM)



From:

DIVYA SHREE. G. K. Dhannush G. M.  
ECE 7A

Sapthagiri College of Engineering

To,

The Principal

Sapthagiri College of Engineering

Bangalore - 560057

Respected Sir,

Subject: Requesting for Permission letter to do Internship.

As per the above mentioned subject, we request you to grant permission to do Internship at "Take It Smart" and request you to give permission letter for the same. We will attend the morning session in college. (March 2nd 2023, April 2nd 2023)

Yours Sincerely

Students

DIVYA SHREE G. K. [15G19EC030].

Dhannush G. M. [15G19EC026].

28/3/23

Sapthagiri College of Engineering  
14/5, Chikkaenrappa, Hoskote Main Road  
Bangalore - 560057

Date: 18/3/2023

Place: Bangalore

15G19EC030

Divya Shree Gk





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

**TAKE IT SMART (OPC) PVT. LTD**

## INTERNSHIP OFFER LETTER

Trainee Name: **DIVYA SHREE G K**

Dear Mr/Mrs. : **DIVYA SHREE G K**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 2<sup>nd</sup> March 2023. You will be working on project development **Machine Learning Using Python**. Your assignment concludes on April 2<sup>nd</sup> 2023.

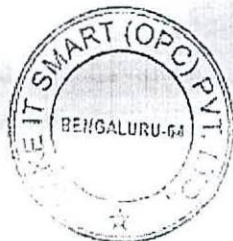
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

**TAKE IT SMART (OPC) PVT.LTD**

Director ,



*Handwritten signature*

*Handwritten signature*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarahalli Road  
Bangalore

14,SGN Arcade, 1st Floor, 2nd stage  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040

Bengaluru, Karnataka - 560 064.



**TAKE IT SMART**





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7104/2022-23

18<sup>th</sup> March 2023

To,  
Take It Smart Pvt Ltd.,  
Vijayanagar,  
Bangalore - 560040.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Divya Shree G K	1SG19EC030
2	Mr. Dhanush G M	1SG19EC026

Further, the said students are permitted to undergo internship training from 2<sup>nd</sup> March 2023 to 2<sup>nd</sup> April 2023, without disturbing the academics.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 : 2015

## Internship Certificate

This Certifies that

**DIVYA SHREE G K**

Student of SAPTHAGIRI COLLEGE OF ENGINEERING

Has completed Internship in Machine Learning Using Python

From 2<sup>nd</sup> March 2023 to 2<sup>nd</sup> April 2023

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057



Mallikarjun Kumbar  
Director



MSME  
MICRO, SMALL & MEDIUM ENTERPRISES

#startupindia





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION


**DIPTHI N**

**(USN-1SG19EC029)**

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design Implementation and Analysis of XOR Gate**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaasandra, Hosuraghatta,  
Bengaluru - 560 073

Ashwini DM

Head - Training Programs





# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

## Department of Electronics & communication Engineering

Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560057

Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



100M,

Anushka S  
Dhanush.V

ECE & 'A'

Sapthagiri College of Engineering

7th April 2023

Dhanush.V  
1SG19ECO27

To,  
The Principal  
Sapthagiri College of Engineering  
Bangalore - 57

Respected Sir,

Subject - Requesting for permission letter to do  
internship

As per the above mentioned subject, we request  
you to grant permission to do internship at  
Take it Smart and request you to give permission  
letter for the same. We will attend the classes  
regularly. ~~(The)~~ Duration Starting from 28th Jan to 28th Feb

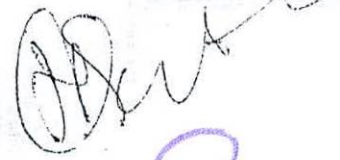
Yours Sincerely

Anushka.S [1SG19ECO09]

Dhanush.V [1SG19ECO27]

Needles  
5/2023

forwarded





Principal  
Sapthagiri College of Engineering  
14/5, Chikkappa Street, Bangalore - 560027





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7142/2022-23

7<sup>th</sup> April' 2023

To  
TakeitSmart  
Vijayanagar,  
Bangalore – 560040.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Ms. Anushka S	1SG19EC009
2	Mr. Dhanush V	1SG19EC027

Further, the said student has undergone industrial/internship training from 28<sup>th</sup> January'2023 to 28<sup>th</sup> February'2023. Their character and conduct is satisfactory.

Nr.



*Principal*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that


**DHANUSH V**

Student of SAPTHAGIRI COLLEGE OF ENGINEERING

Has completed Internship in Embedded System and IoT

From 28<sup>th</sup> January 2023 to 28<sup>th</sup> February 2023

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



Mallikarjun Kumbhar  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7050/2022-23

28<sup>th</sup> February 2023

To,  
Nano Robotics,  
Matthikere,  
Bangalore - 560054.

Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Darshan Patel	1SG19EC024
2	Mr. Pavan K S	1SG19EC060
3	Mr. P K Shriram	1SG19EC059
4	Mr. Dinesh B	1SG19EC028
5	Mr. Manjunatha M	1SG19EC051
6	Mr. Kushal Bharadwaj B A	1SG19EC048

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 30<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



*Principal*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

*Principal*  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in



Date: 28/02/23

Place: Bangalore

Manjunath M

ISG19EC051

ECC 30

Sapthagiri College of Engineering

Bangalore - 57

The Head of Department

Department of ECC

Sapthagiri College of Engineering

Bangalore - 57

1) DARSHAN PATEL

ISG19EC024

2) PAVAN KS

ISG19EC060

3) PK SHRIRAM

ISG19EC059

4) DINESH . B

ISG19EC028

5) MANJUNATHA . M

ISG19EC051

6) KUSHAL BHARADWAJ

ISG19EC048

Respected Sir,

Sub: "Requesting permission for internship"

I hereby bring to your kind notice that an internship is being conducted at 'Nano Robotics Embedded Technology' in Bangalore. I would like to attend the internship from 28/2/23 to 30/3/23 so I kindly request you to grant me permission to attend this internship without disturbing the class.

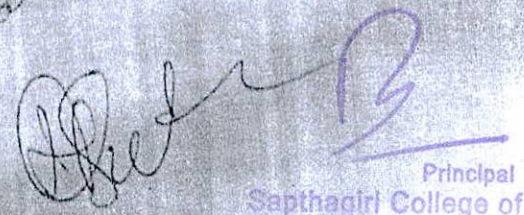
Thank you

Yours sincerely

Manjunath M

ISG19EC051

Forwarded



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hoysale, Bangalore - 57

28/2/23





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

ISO 9001:2015 Certified Company

REF: NRET/ITE/2022/23/191

DATE: 23/01/2023

## Internship Acceptance Letter

**To,**

The HOD,  
Department of Electronics and Communication Engineering.  
Sapthagiri College of Engineering  
Bangalore.

Respected Sir / Madam,

**Subject:** Internship Acceptance Letter.

I am pleased to inform you behalf of "NANO ROBOTICS EMBED TECHNOLOGIES", that **Mr. DINESH B** with **USN 1SG19EC028**, application for the **Internship Opportunity** On "**WAREHOUSE MONITORING SYSTEM USING IOT**" has been accepted by the Management.

This was based on the application Submission. Management has expressed a positive response and trust that you have one of the best results among the applicants. The internship will include training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on application.

### Responsibilities:

- Programming and implementing software of Embedded Devices. Solid program experience in Python.
- Designing, developing, coding, testing and debugging system software.
- Hands on development and troubleshooting with Machine learning algorithms.

  
BABA FAKRUDDIN ALI B H  
Technical Manager

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 137

Office: #27/I, 14<sup>th</sup> Main, Gokula 1<sup>st</sup> Stage, Mathikere, Bangalore-560054.

Contact No: +91-9964137725, +91-9060620102. Website: [www.nanorobotics.in](http://www.nanorobotics.in)



Date: 18/3/2023

Place: Bangalore

026

From,

DIVYA SHREE. G. K. Dhannish G. M.  
ECE 7A

Sapthagiri College of Engineering

To,

The Principal

Sapthagiri College of Engineering

Bangalore - 560057

Respected Sir,

Subject: - Requesting for Permission letter to do Internship.

As per the above mentioned Subject, we request you to grant permission to do Internship at "Take It Smart" and request you to give permission letter for the same. We will attend the morning session in college. (March 2<sup>nd</sup> 2023, April 2<sup>nd</sup> 2023)

Yours Sincerely

Students

DIVYA SHREE G. K. [18/03/23].

Dhannish G. M. [18/03/23].

18/3/23

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057



Ref. No. SCE/Rec/7104/2022-23

18<sup>th</sup> March 2023

To,  
Take It Smart Pvt Ltd.,  
Vijayanagar,  
Bangalore - 560040.

Dear Sir,


Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Divya Shree G K	1SG19EC030
2	Mr. Dhanush G M	1SG19EC026

Further, the said students are permitted to undergo internship training from 2<sup>nd</sup> March 2023 to 2<sup>nd</sup> April 2023, without disturbing the academics.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





87926 97647 / 80501 04212

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[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **DHANUSH G M**

Dear Mr/Mrs. : **DHANUSH G M**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 2<sup>nd</sup> March 2023. You will be working on project development **Machine Learning Using Python**. Your assignment concludes on April 2<sup>nd</sup> 2023.

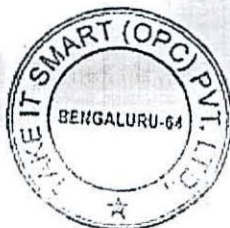
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*Signature*

*Signature*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stag  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040

Bengaluru, Karnataka - 560 064.



TAKE IT SMART





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Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that


**DHANUSH G M**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **2<sup>nd</sup> March 2023 to 2<sup>nd</sup> April 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057

  
Mallikarjun Kumbar  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



From,

Deepika. P

1SG19EG025

ECE 'A'

Sapthagiri College of Engineering  
Bengaluru - 57

To,

The Head of the Department

ECE Department

Sapthagiri College of Engineering  
Bengaluru - 57


Respected Sir,

Subject :- Permission letter for Internship

As mentioned above, I request you to kindly issue the Permission letter for the internship which was held in college on VLSI Conducted from 1-8- to 1-10-2022.

Thanking you

Permitted  


Your's obedient  




Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6575/2022-23

1<sup>st</sup> October ' 2022

To  
The Manager,  
Technocarv Ltd.,  
Tumkur.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Ms. Deepika P	1SG19EC025
2	Ms. Harshitha N	1SG19EC038
3	Mr. Praveen B	1SG20EC407


Further, the said students may be permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

They may be kindly permitted and obliged.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bengaluru-560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**DEEPIKA P** (USN-1SG19EC025)

Has successfully completed VLSI INTERNSHIP PROGRAM in

### **Design of Decoder using AND Gate**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru - 560 057

Ashwini DM

Head - Training Programs



From,

Haushikha. H. C.,

E.C.E 8th Sem,

Sapthagiri college of Engineering.

Date: 28/02/2023

To,

Dr. H.C. Ganesha Kumar

HOD

E.C.E Department.

Sapthagiri college of Engineering

Respected Sir,

Sub :- Permission to do Internship.

Please allow me and my classmates listed below to do internship in Take it Smart from 28/02/2023 to 31/03/2023, without disturbing the academics.


1. Chandrika. D - IS19EC023
2. Ganipenya R - IS19EC033
3. Haushikha. H.C. - IS19EC037
4. Varshini. V. - IS19EC109
5. Meghana. H. P - IS19EC404
6. Pushpalatha. K. R - IS19EC408.

Thank you,

permitted



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosur - 560 023  
Bengaluru - 560 023

Yours sincerely  






# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7052/2022-23

28<sup>th</sup> February 2023

To,  
Take It Smart Pvt Ltd.,  
Vijayanagar,  
Bangalore - 560040.

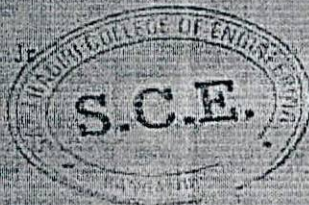
Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Ms. Chandrika D	ISG19EC023
2	Ms. Gouri Priya R	ISG19EC033
3	Ms. Harshitha H G	ISG19EC037
4	Ms. V Varshini	ISG19EC109
5	Ms. Meghana H P	ISG20EC404
6	Ms. Pushpalatha K R	ISG20EC408

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 31st March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA,  
Ph: 080-28372800, 23130583, Fax: 08028372797  
Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Road  
Bangalore





87926 97647 / 80501 04212

www.takeitsmart.in  
info@takeitsmart.in

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **Chandrika D**

Dear **Mrs. Chandrika D**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 28<sup>th</sup> Febraury 2023. You will be working on project development **MACHINE LEARNING USING PYTHON** Your assignment concludes on March 31st 2023.

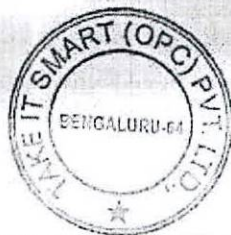
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasrurghatta Main Road,  
Bengaluru - 560 064

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040  
Bengaluru, Karnataka - 560 064.



TAKE IT SMART





# Take It Smart (OPC) PVT LTD

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www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**CHANDRIKA D**

Student of SAPTHAGIRI COLLEGE OF ENGINEERING

Has completed Internship in Machine Learning Using Python

From 28<sup>th</sup> February 2023 to 31<sup>st</sup> March 2023

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



#startupindia

Principal  
Sapthagiri College of Engineering  
14/5, Chikkaasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



Mallikarjun Kumbhar  
Director





# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7050/2022-23

28<sup>th</sup> February 2023

To,  
Nano Robotics,  
Matthikere,  
Bangalore - 560054.

Dear Sir,


Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL No	Name	USN
1	Mr. Darshan Patel	1SG19EC024
2	Mr. Pavan K S	1SG19EC060
3	Mr. P K Shriram	1SG19EC059
4	Mr. Dinesh B	1SG19EC028
5	Mr. Manjunatha M	1SG19EC051
6	Mr. Kushal Bharadwaj B A	1SG19EC048

Further, the said students are permitted to undergo internship training from 28<sup>th</sup> February 2023 to 30<sup>th</sup> March 2023, without disturbing the academics.

Their character and conduct is satisfactory.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057. KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in



Date: 28/01/23  
Place: Bangalore

Manjunath M

ISG19EC051

ECE 3rd

Sapthagiri College of Engineering  
Bangalore - 57

1) DARSHAN PATEL

ISG19EC024

2) PAVAN KS

ISG19EC040

3) PK SHRIRAM

ISG19EC059

4) DINESH . B

ISG19EC028

5) MANJUNATHA . M

ISG19EC051

6) KUSHAL BHARADWAJ

ISG19EC048

The Head of Department

Department of ECE

Sapthagiri College of Engineering  
Bangalore - 57

Respected Sir,

Sub: "Requesting permission for internship"

I hereby bring to your kind notice that an internship is being conducted at 'Nano Robotics Embedded Technology' at Malikere, Bengaluru. I would like to attend the internship from 28/2/23 to 30/3/23 so I kindly request you to grant me permission to attend this internship without disturbing the class.

Thank you

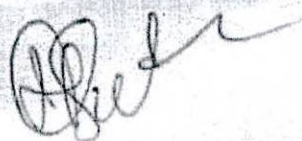
Yours sincerely

Manjunath M

ISG19EC051

No DU  
5 for

forwarded





Principal  
Sapthagiri College of Engineering  
14/5, Chikmagalur

28/2/23





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

ISO 9001:2015 Certified Company

REF: NRET/ITE/2022/23/189

DATE: 23/01/2023

## Internship Acceptance Letter

To,

**The HOD,  
Department of Electronics and Communication Engineering.  
Sapthagiri College of Engineering  
Bangalore.**

Respected Sir / Madam,

**Subject:** Internship Acceptance Letter.

I am pleased to inform you behalf of "NANO ROBOTICS EMBED TECHNOLOGIES", that **Mr. DARSHAN PATEL** with USN 1SG19EC024, application for the **Internship** Opportunity On "SMART HOME SECURITY USING IOT" has been accepted by the Management.

This was based on the application Submission. Management has expressed a positive response and trust that you have one of the best results among the applicants. The internship will include training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on application.

### Responsibilities:

- Programming and implementing software of Embedded Devices. Solid program experience in Python.
- Designing, developing, coding, testing and debugging system software.
- Hands on development and troubleshooting with Machine learning algorithms.

  
**BABA FAKRUDDIN ALI B H**  
Technical Manager

  
Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hasaraghatta Main Road  
Bangalore - 560054

Office: #27/1, 14<sup>th</sup> Main, Gokula I<sup>st</sup> Stage, Mathikere, Bangalore-560054.

Contact No: +91-9964137725, +91-9060620102. Website: [www.nanorobotics.in](http://www.nanorobotics.in)





# NANO ROBOTICS EMBED TECHNOLOGES

Enabling technology innovations.

ISO 9001:2015 Certified Company

Ref: NRET/ITE/2022/23/286

Date: 03/04/2023

## TO WHOM IT MAY CONCERN

This is to certify that **Mr. DARSHAN PATEL**, with **USN 1SG19EC024** has worked as Technical Intern with **Nano Robotics Embed Technologies**, from 28<sup>th</sup> February-2023 to 30<sup>th</sup> March- 2023. He worked on different modules and hands-on development of project titled as **"SMART HOME SECURITY USING IOT"** including architecture, Electronic design and communication protocols. His internship had training and focus priority on learning & developing new skills and gaining deeper understanding of concepts through hands-on applications.

### **Responsibilities:**

- Programming and implementing software of embedded devices. Solid program experience in c.
- Designing, developing, coding, testing and debugging system software.
- Interface with hardware design and development.
- Hands on development and troubleshooting with embedded targets.

During the period of his internship program with us he was found punctual, hardworking and inquisitive. We wish him every success in life.



HABA FAKRUDDIN ALI BH

Technical Manager



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

Office: #27/I, 14<sup>th</sup> Main, Gokula 1<sup>st</sup> Stage, Mathikere, Bangalore-560054.

Contact No: +91-9964137725, +91-9060620102. Website: [www.nanorobotics.in](http://www.nanorobotics.in)





# Take It Smart (OPC) PVT LTD

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Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**CHANDRASHEKAR Y M**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IOT**

From **6<sup>th</sup> March 2023 to 6<sup>th</sup> April 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 040



Mallikarjun Kumbar  
Director





87926 97647 / 80501 04212

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[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **CHANDRASHEKAR Y M**

Dear Mr/Mrs. : **CHANDRASHEKAR Y M**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from **6<sup>th</sup> March 2023**. You will be working on project development **Embedded System & IOT** Your assignment concludes on **April 6<sup>th</sup> 2023**.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosur-Chikballapur Road  
Bengaluru

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040

Bengaluru, Karnafaka - 560 064.



TAKE IT SMART





## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

### Department of Electronics & communication Engineering

Academic Year: 2022- 2023

6<sup>th</sup> March 2023

To

The Manager,  
Take it smart pvt.ltd.  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

Sl.no.	Name	USN
1	Chandrashekar Y M.	1SG19EC022

Further the said students are permitted to undergo industrial/internship training from March 6<sup>th</sup> 2023 to April 6<sup>th</sup> 2023.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **CHANDAN D**

Dear Mr/Mrs. : **CHANDAN D**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from **28<sup>th</sup> March 2023**. You will be working on project development **Embedded system and IOT**. Your assignment concludes on **April 28<sup>th</sup> 2023**.

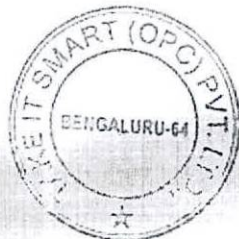
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaandra, Hesaraghatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040

Bengaluru, Karnataka - 560 064



TAKE IT SMART



From,

Prin

Chandan.D

8<sup>th</sup> Sem 'A' Sec

ECE

Sapthagiri College of Engineering

To,

HOD Sir,

ECE

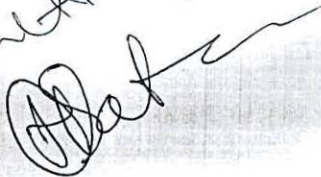
Sapthagiri College of Engineering

Requested Sir,

Subject: Requested Permission for Internship

I am Chandan.D bearing USN:- 15G19EC020 ECE  
8<sup>th</sup> Sem. 'A', I am requesting permission to attend  
Internship at take it start from March 28<sup>th</sup> to  
April 28<sup>th</sup>. So, I request you to give the permission.

Thank You

Permitted  


  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

Yours faithfully  
Chand





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**BRUNDA P** (USN-1SG19EC019)

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Implementation of Boolean expression  $(AB+C)D'$  using  
Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosur  
Bengaluru - 560 029

Ashwini DM

Head - Training Programs





# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

## Department of Electronics & communication Engineering

Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

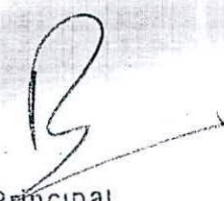
Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



From,

Bhoomika.N

7<sup>th</sup> sem 'A' sec ECE

Sapthagiri College of Engineering

Bangalore 560057

To,

The Principal

Sapthagiri College of Engineering

Bangalore 560057

Respected Sir,

Subject:- Requesting for permission letter to do internship

As the above mentioned subject, we request you to grant permission to do internship at Technocare solutions ltd and request you to give the permission letter for the same starting from 01<sup>st</sup> August to <sup>October</sup> 04<sup>th</sup> September 2022, in our college.

Thanking you.

fee paid

Pradip Shetty 29/9/22

Yours faithfully

Bhoomika.N

forwarded

Pradip

29/9/2022

fees 2022  
paid

&

29/9/22

B

30/9/22

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore - 560 057



Ref. No. SCE/Rec/7160/2022-23

19<sup>th</sup> April'2023

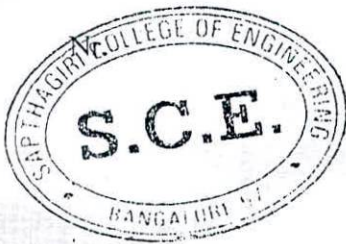
To,  
Techno Carv Solution Ltd.,  
Bangalore.

Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics & Communication Engineering Course in the academic year 2022 - 23.

SL. No	Name	USN No
1	Ms. Bhoomika N	1SG19EC015
2	Ms. Bindhu H C	1SG19EC017
3	Ms. Inchara V	1SG19EC041
4	Ms. Latha T S	1SG19EC049
5	Ms. Vandhana S	1SG19EC111

Further, the said students have undergone industrial/internship training from 1<sup>st</sup> August' 2022 to 1<sup>st</sup> October' 2022. Their character and conduct are satisfactory.



*Principal*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*Principal 19/4/23*  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2nd Cross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**BINDHU H C** (USN-1SG19EC017)

Has successfully completed VLSI INTERNSHIP PROGRAM in

### **Design of SR Latch using AND Gate**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at

**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



*(Signature)*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heasarahalli, Bengaluru

*(Signature)*  
Ashwini DM  
Head - Training Programs



Ref. No. SCE/Rec/6600/2022-23

8<sup>th</sup> October 2022

To,  
Compsoft Technologies Pvt Ltd.,  
Bangalore.

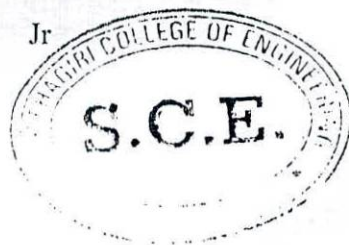
Dear Sir,

Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Bhuvana K S	1SG19EC016
2	Ms. Nirupama G	1SG19EC057

Further, the said students is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 30<sup>th</sup> October 2022, without disturbing the academics.

Their character and conduct is satisfactory.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057





Date: 29<sup>th</sup> September, 2022

Name: Bhuvana K S  
USN: 1SG19EC016

Dear Student,


We would like to congratulate you on being selected for the **Machine Learning With-Python(Research Based)** Internship position with **Compsoft Technologies**, effective Start Date 1<sup>st</sup> October, 2022, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Machine Learning With Python(Research Based)** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!.

Sincerely,

Nithin K. S  
Project Manager  
COMPSOFT TECHNOLOGIES  
No. 363, 19<sup>th</sup> main road,  
1<sup>st</sup> Block Rajajinagar  
Bangalore - 560010

  
Principal  
Sapthagiri College of Engineering  
2nd, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560010





**Compsoft Technologies**

Providing a Complete Suite of IT Solutions

## CERTIFICATE OF INTERNSHIP

This is to certify that **Bhuvana K S** whose USN is **1SG19EC016**, has completed their **Machine Learning With Python(Research Based)** Internship organised and handled by **Compsoft Technologies** from **1<sup>st</sup> October, 2022** to **30<sup>th</sup> October, 2022**.

The person to whom this certificate is addressed to has worked on a project titled **Chatbot for Healthcare System**, As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highlighting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.


During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#)



1<sup>st</sup> Block Rajajinagar

Bangalore - 560010

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosareghatta Main Road  
Bengaluru - 560 057

[www.compstechnologies.com](http://www.compstechnologies.com)

[services@compstechnologies.com](mailto:services@compstechnologies.com)

This certificate was generated using CERTIEFY.COM



1SG19EC045

Ref. No. SCE/Rec/7160/2022-23

19<sup>th</sup> April'2023

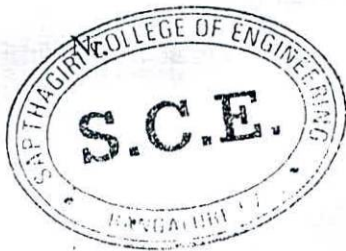
To,  
Techno Carv Solution Ltd.,  
Bangalore.

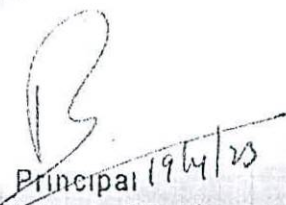
Dear Sir,


Following are bonafide students of this college studying Fourth Year B.E in Electronics & Communication Engineering Course in the academic year 2022 - 23.

SL. No	Name	USN No
1	<u>Ms. Bhoomika N</u>	1SG19EC015
2	Ms. Bindhu H C	1SG19EC017
3	Ms. Inchara V	1SG19EC041
4	Ms. Latha T S	1SG19EC049
5	Ms. Vandhana S	1SG19EC111

Further, the said students have undergone industrial/internship training from 1<sup>st</sup> August' 2022 to 1<sup>st</sup> October' 2022.  
Their character and conduct are satisfactory.



  
Principal 19/4/23  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra



From,

Brunda.G.P. (ISG19EC018)

7<sup>th</sup> Sem, 'A' sec

Department of ECE

Sapthagiri College of Engineering  
Bangalore - 560057.

20<sup>th</sup> August, 2022.

To,

The Principal

Sapthagiri College of Engineering.  
Bangalore - 560057.

Respected Sir,

Subject: Requesting for permission letter to do internship.

As the above mentioned subject,  
I request you to grant permission to do internship  
at Technocare Solutions Ltd. in our college  
and request you to give permission letter for  
the same starting from 21<sup>st</sup> August to  
17<sup>th</sup> September.

Thanking you,

Brunda

Yours faithfully

For:  
complete fee payment  
done  
Shall be 29/9/22

forwarded

Principal

fee 2022  
paid  
29/9/22

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosurpetta Main Road  
Bangalore - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**BRUNDA GP** (USN-1SG19EC018)

Has successfully completed VLSI INTERNSHIP PROGRAM in  
**Design of 3 Input OR Gate with Minimum area**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING**, Bengaluru.

Ashwini DM

Head - Training Programs

Date: 01/12/2022



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

## Department of Electronics & communication Engineering Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

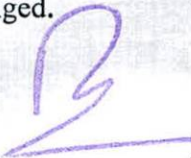
Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.

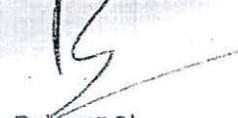
Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	Monica Valentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bengaluru-560057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bengaluru-560057



From,  
Abhishek Vidyadhar Shet, Bhavana.N, Kokila.A.S  
Department of ECE  
Sapthagiri college of Engineering  
Bangalore- 57

TO,  
The Head of Department  
Department of ECE  
Sapthagiri college of Engineering  
Bangalore- 57

Date:

Subject - Request to grant permission to do internship in BEL.

We Abhishek Vidyadhar Shet, Kokila and Bhavana.N studying in department of ECE is requesting you to grant permission to do internship in BEL from \_\_\_\_\_ to \_\_\_\_\_ during our course period. And we will attend our internals, technical seminars and project reviews in between the internship. So kindly consider and oblige.


Thank you

Yours sincerely

Abhishek Vidyadhar Shet (ISG19EC002)

Bhavana.N (ISG19EC013) Bhavana.N

Kokila.A.S (ISG19EC045)

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hampi



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7112/2022-23

21<sup>st</sup> March 2023

To,  
The HR Manager,  
Bharath Electronics Ltd.,  
Bangalore.

Dear Sir,

This is to certify that Ms. Bhavana N bearing USN :1SG19EC013 is a bonafide student of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.


Further, the said student is permitted to undergo internship training from 27<sup>th</sup> March 2023 to 2<sup>nd</sup> May 2023. Without disturbing the academics.

Her character and conduct is satisfactory.

Jr.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057, KARNATAKA,

Ph: 080-28372800, 23130583, Fax: 08028372797

Email: principal@sapthagiri.edu.in web: www.sapthagiri.edu.in





# CENTRE FOR LEARNING AND DEVELOPMENT

BHARAT ELECTRONICS LIMITED  
(A Govt. of India Enterprise, Ministry of Defence)  
Jalahalli Post, Bengaluru - 560 013, India

## Certificate

*This is to certify that*

Sri./Smt/Kum... BHAVANA . N

Ref No... 1410/CLD/HR/2022-23/27/723

student of... SAPTHAGIRI COLLEGE OF  
ENGINEERING - BANGALORE

carried out ~~Project Work/Internship~~ on  
OVERVIEW OF COMPONENTS

in... COMPONENTS

SBU/CSG of BEL, Bengaluru from... 29 MAR 2023  
to... 28 APRIL 2023

*He/She was regular and punctual in his/her attendance  
and his/her conduct was satisfactory during the period.*

*S. Ja. ML*  
Project / Internship Guide

Date : 28/04/2023  
Place : Bengaluru

*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosanghahalli,  
Bengaluru - 560 084

*S*  
Head (HR/CLD)  
सुजाता फ्रांसिस / SUJATHA FRANCIS  
प्रबंधक (मा. सं / सी एल डी)  
MANAGER (HR/CLD)  
भारत इलेक्ट्रॉनिक्स लिमिटेड  
BHARAT ELECTRONICS LTD.



From,

Bhavana. P.S

5731382272

7<sup>th</sup> Sem 'A' Sec

Sapthagiri College of Engineering

Bangalore - 560057

29<sup>th</sup> September 2022

To,

The Principal

Sapthagiri College of Engineering

Bangalore - 560057

Subject :- Requesting for permission letter to do  
internship

As the above mentioned subject, I request you  
to grant permission to do internship in college  
and request you to give permission letter for the  
same, starting from <sup>1<sup>st</sup> August 2022</sup> ~~21<sup>st</sup> August~~ to <sup>1<sup>st</sup> October 2022</sup> ~~17<sup>th</sup> September~~  
at Technocare solution Ltd. online and weekends.

Thank you

Yours faithfully

Bhavana. P.S

(BHAVANA. P.S)

15/09/2022

Recd 2022  
void

20/9/22

forwarded  
(H.D.)

Fee paid completely  
Shikha 29/9/22

Principal  
Sapthagiri College of Engineering  
14/5, Chikka  
Main Road



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7158/2022-23

18<sup>th</sup> April 2023

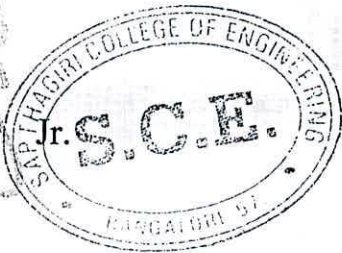
To,  
Techno Carv Solution Ltd.,  
Bangalore.

Dear Sir,

This is to certify that **Ms. Bhavana P S** bearing **USN : 1SG19EC014** is  
a bonafide student of this college studying Fourth year B.E in  
Electronics & Communication Engineering course in the academic  
year 2022 - 2023.

The said student has undergone internship training from 1<sup>st</sup> August 2022  
to 1<sup>st</sup> October 2022.

Her character and conduct is satisfactory.



Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**BHAVANA P S (USN-1SG19EC014)**

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of D-Latch using basic Standard cells**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022

  
Ashwini DM

Head - Training Programs

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057



From,

Avinash H.M

8<sup>th</sup> sem, A sec

ECE Department

Sapthagiri College of Engineering

Bangalore - 560057

14.02.2023

{ Bhargav A (1SG19EC012) ✓  
Avinash H.M (1SG19EC011) ✓  
Anil Kumar Yadav P (1SG19EC003) ✓  
Kishan C.S (1SG19EC044) ✓

fee 2022  
paid

14/2/23

To,

The Head of Department

ECE Department

Sapthagiri College of Engineering

Bangalore - 560057

Respected sir

Subject: Requesting to attain internship

I'm Avinash H.M (1SG19EC011) studying in 8<sup>th</sup> sem 'A' sec ECE Department is requesting you to allow me to attend the internship in "SNS Industries" from 15.02.2023 to 17.03.2023.

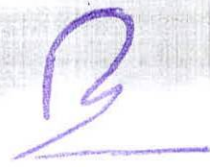
I kindly request you to grant me permission to do my internship. Please do oblige.

Thanking You

Yours faithfully

Avinash H.M

forwarded  
Date



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, H  
Pengeru Road



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7006 /2022-23

14<sup>th</sup> February ' 2023

To  
SNS Industries,  
Peenya,  
Bangalore - 560058.

Dear Sir,

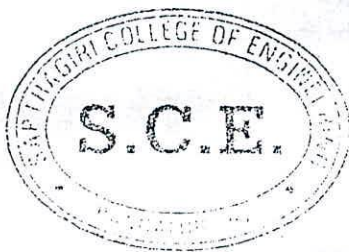
Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.


Sl.No.	Name	USN No.
1	Mr. Bhargav A	1SG19EC012
2	Mr. Anil Kumar Yadav P	1SG19EC007
3	Mr. Avinash H M	1SG19EC011
4	Mr. Kishan C S	1SG19EC044

Further, the said students may be permitted to undergo industrial/internship training only during the vacation period from 15<sup>th</sup> February '2023 to 17<sup>th</sup> March '2023.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.



  
Principal  
Sapthagiri College of Engineering  
14/5 Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057  
  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



Date: 14/02/2023

To,  
The Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesarghatta main road,  
Bangaluru-560057.

Dear Sir,

Subject: Permission granted for doing Fourth year BE in Electronics and communication Project work for the year 2022-23.


Permission is hereby communicated to take up the 4<sup>th</sup> year BE project work by following students of your institution from 15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023.

Sl.no	NAME	USN
1	Mr. Jeevan T V	1SG19EC042
2	Mr. Bhargav A	1SG19EC012
3	Mr. Anil Kumar Yadav P	1SG19EC007
4	Mr. Avinash H M	1SG19EC011
5	Mr. Kishan C S	1SG19EC044

During the above training period, students will be under our supervision and observation and they should be abide by the terms and conditions as this study must be kept confidential.

Thanking you,

For SNS INDUSTRIES

  
Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesarghatta Main Road  
Bangaluru - 560057



Date: 05/04/2023


**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. BHARGAV.A** (USN: 1SG19EC012), 4<sup>th</sup> Year BE Electronics and Communication student of Sapthagiri college of Engineering, Bangalore has successfully completed his Internship study from 15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023 at our company. During this period of internship programme he was found punctual, hardworking & Inquisitive.

We wish him every success in his future Endeavour's.

For SNS INDUSTRIES

Authorized Signatory

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560058



From,

Avinash H.M

8<sup>th</sup> Sem, A sec

ECE Department

Sapthagiri College of Engineering

Bangalore - 560057

14.02.2023

{ Bhargav A (1SG19EC012) —  
Avinash H.M (1SG19EC011) —  
Anil Kumar Yadav P (1SG19EC007)  
Kishan C.S (1SG19EC044)

fee 2022  
paid  
14/2/23

To,

The Head of Department

ECE Department

Sapthagiri College of Engineering

Bangalore - 560057

Respected sir

Subject: Requesting to attain internship

I'm Avinash H.M (1SG19EC011) studying in 8<sup>th</sup> sem 'A' sec  
ECE Department is requesting you to allow me to attend  
the internship in "SNS Industries" from 15.02.2023  
to 17.03.2023.

I kindly request you to grant me permission to do my  
internship. Please do oblige.

Thanking You

Yours faithfully

Avinash H.M

forwarded  
Date

Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hosur Road Main Road  
Bangalore - 560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7006 /2022-23

14<sup>th</sup> February ' 2023

To  
SNS Industries,  
Peenya,  
Bangalore - 560058.

Dear Sir,

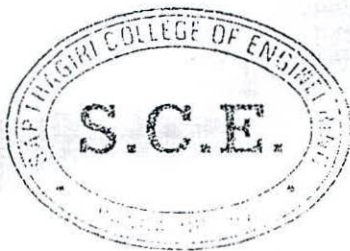
Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.


Sl.No.	Name	USN No.
1	Mr. Bhargav A	1SG19EC012
2	Mr. Anil Kumar Yadav P	1SG19EC007
3	Mr. Avinash H M	1SG19EC011
4	Mr. Kishan C S	1SG19EC044

Further, the said students may be permitted to undergo industrial/internship training only during the vacation period from 15<sup>th</sup> February '2023 to 17<sup>th</sup> March '2023.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.



  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Main Road  
Bangalore- 560 057



Date: 14/02/2023

To,  
The Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesarghatta main road,  
Bangaluru-560057.

Dear Sir,

Subject: Permission granted for doing Fourth-year BE in Electronics and communication Project work for the year 2022-23.


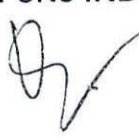
Permission is hereby communicated to take up the 4<sup>th</sup> year BE project work by following students of your institution from 15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023.

Sl.no	NAME	USN
1	Mr. Jeevan T V	1SG19EC042
2	Mr. Bhargav A	1SG19EC012
3	Mr. Anil Kumar Yadav P	1SG19EC007
4	Mr. Avinash H M	1SG19EC011
5	Mr. Kishan C S	1SG19EC044

During the above training period, students will be under our supervision and observation and they should abide by the terms and conditions as this study must be kept confidential.

Thanking you,

For SNS INDUSTRIES



Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesarghatta main road,  
Bangaluru - 560057



Date: 05/04/2023

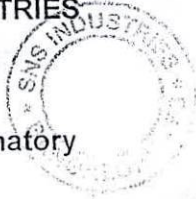
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. AVINASH H.M** (USN: 1SG19EC011), 4th Year BE Electronics and Communication student of Sathagiri college of Engineering, Bangalore has successfully completed his Internship study from 15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023 at our company. During this period of internship programme he was found punctual, hardworking & Inquisitive.

We wish him every success in his future Endeavour's.

For **SNS INDUSTRIES**

Authorized Signatory



Principal

**Sathagiri College of Engineering**  
14/3, Chikkasandra, Heasaghatta Main Road  
Bengaluru - 560 057



Anushka S [1SG19EC009]

From,

Anushka S

Dhanush.V

ECE & 'A'

Sapthagiri College of Engineering

7th April 2023

To,

The Principal

Sapthagiri College of Engineering

Bangalore - 57

Respected Sir,

Subject - Requesting for permission letter to do  
internship

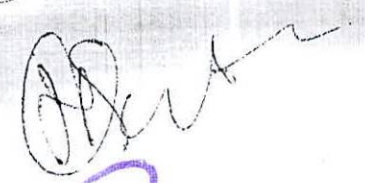

As per the above mentioned subject, we request  
you to grant permission to do internship at  
Take it Smart and request you to give permission  
letter for the same. We will attend the classes  
regularly. ~~(Time)~~ Duration Starting from 28th Jan to 28th Feb.

Yours Sincerely

Anushka.S [1SG19EC009]

Dhanush.V [1SG19EC027]

Noted  
5/4/23

  
  
Principal  
Sapthagiri College of Engineering  
4/5, Chikkarahalli



Ref. No. SCE/Rec/7142/2022-23

7<sup>th</sup> April' 2023

To  
**TakeitSmart**  
**Vijayanagar,**  
**Bangalore – 560040.**

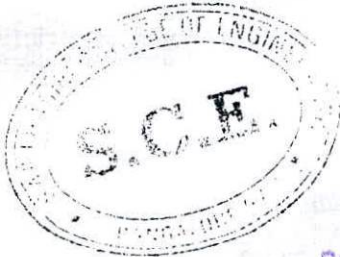
Dear Sir,

Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl. No.	Name	USN NO.
1	Ms. Anushka S	1SG19EC009
2	Mr. Dhanush V	1SG19EC027

Further, the said student has undergone industrial/internship training from 28<sup>th</sup> January'2023 to 28<sup>th</sup> February'2023. Their character and conduct is satisfactory.

Nr.



Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Main Road  
Bangalore- 560 057

Principal  
Sapthagiri College of Engineering  
4/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
[www.takeitsmart.in](http://www.takeitsmart.in)

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**ANUSHKA S**

Student of SAPTHAGIRI COLLEGE OF ENGINEERING

Has completed Internship in Embedded System and IoT


From 28<sup>th</sup> January 2023 to 28<sup>th</sup> February 2023

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia

  
Principal Mallikarjun Kumbar  
Sapthagiri College of Engineering  
1st Stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040







# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi,

ISO 9001-2015 and 14001-2015 certified Institute

(Accredited by NAAC with "A" Grade)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India.

## Department of Electronics & communication Engineering Academic Year: 2022- 2023

30<sup>th</sup> September 2022

To

The Manager,  
Techno carv solutions pvt.ltd.  
Hesaraghatta main road  
Bengaluru

Dear Sir,

Following are bonafide students of this college studying in fourth year B.E. in Electronics & Communication Engineering Course in the Academic year 2022-23.


Sl.no.	Name	USN
1	Shivam shiva	1SG19EC091
2	Rahul kumar yadav	1SG19EC074
3	Purushotham R	1SG19EC069
4	Rohith D.G.	1SG19EC080
5	Dipthi N	1SG19EC029
6	Mohammed Maaz Hameed	1SG19EC054
7	Sandeep O.	1SG20EC410
8	Shashank R.	1SG19EC088
9	Brunda G.P	1SG19EC018
10	MonicaValentina M.	1SG19EC056
11	Brunda P.	1SG19EC019
12	Anusha c	1SG19EC008

Further the said students are permitted to undergo industrial/internship training from 1<sup>st</sup> October 2022 to 31<sup>st</sup> October 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and obliged.

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru-560057

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





TECHNO CARVE

# TECHNO CARVE SOLUTIONS LLP

# 62, 2ndCross, 3rd A Main, MEI Layout, Bagalagunte, Bengaluru - 560 073, Karnataka.

## CERTIFICATE OF COMPLETION

**ANUSHA C (USN-1SG19EC008)**

Has successfully completed **VLSI INTERNSHIP PROGRAM** in  
**Design of Subtractor using NAND Gate**

For duration of 4 weeks from 01-08-2022 to 01-10-2022 at  
**SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru.**

Date: 01/12/2022



*Sapthagiri College of Engineering*  
Principal  
14/5  
Sapthagiri College of Engineering  
Bengaluru - 560 057

*Ashwini DM*  
Ashwini DM

Head - Training Programs



Dal C 29/09/22

From,

Anusha. C. (ISG19EC008)

7<sup>th</sup> sem, 'A' sec

Department of ECE

Sapthagiri College of Engineering.  
Bangalore - 560057.

20<sup>th</sup> August, 2022.

To,

The Principal.

Sapthagiri College of Engineering.  
Bangalore - 560057.

Respected Sir,

Subject: Requesting for permission letter  
to do internship.

As the above mentioned subject,  
I request you to grant permission to do  
internship at Technocare Solutions Ltd, in  
our college and request you to give  
permission letter for the same starting  
from 21<sup>st</sup> August to 17<sup>th</sup> September.

Thanking you,

Proctor  
complete for payment  
done

from 2022  
paid  
\$ 30/9/22

Your's obediently  
Anusha

for use of  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Mesaraghatta Main Road  
Bangalore - 560 057



From,  
Avinash H.M  
8<sup>th</sup> sem, A sec  
ECE Department  
Sapthagiri College of Engineering  
Bangalore - 560057  
14.02.2023

Bhalgav A (1SG19EC012) ✓  
Avinash H.M (1SG19EC011) ✓  
Anil Kumar Yadav.P (1SG19EC007)  
Kishan C.S (1SG19EC044)

fee 2022  
paid  
14/2/23

To,  
The Head of Department  
ECE Department  
Sapthagiri College of Engineering  
Bangalore - 560057

Respected sir

Subject: Requesting to attain internship

I'm Avinash H.M (1SG19EC011) studying in 8<sup>th</sup> sem 'A' sec  
ECE Department is requesting you to allow me to attend  
the internship in "SNS Industries" from 15.02.2023  
to 17.03.2023.

I kindly request you to grant me permission to do my  
internship. Please do oblige.

Thanking You

Yours faithfully

Avinash H.M

forwarded  
Date

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarahatta Main Road  
Bangalore - 560057



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE, CSE, ISE, ME, EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7006 /2022-23

14<sup>th</sup> February ' 2023

To  
SNS Industries,  
Peenya,  
Bangalore - 560058.

Dear Sir,

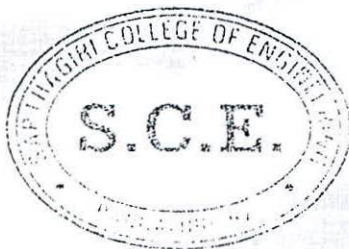
Following are bonafide students of this college studying Fourth Year B.E in Electronics and Communication Engineering course in the academic year 2022 - 23.

Sl.No.	Name	USN No.
1	Mr. Bhargav A	1SG19EC012
2	Mr. Anil Kumar Yadav P	1SG19EC007
3	Mr. Avinash H M	1SG19EC011
4	Mr. Kishan C S	1SG19EC044

Further, the said students may be permitted to undergo industrial/internship training only during the vacation period from 15<sup>th</sup> February '2023 to 17<sup>th</sup> March '2023.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



Date: 14/02/2023

To,  
The Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta main road,  
Bangaluru-560057.

Dear Sir,

Subject: Permission granted for doing Fourth year BE in Electronics and  
communication Project work for the year 2022-23.

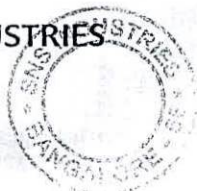
Permission is hereby communicated to take up the 4<sup>th</sup> year BE project work by  
following students of your institution from 15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023.

Sl.no	NAME	USN
1	Mr. Jeevan T V	1SG19EC042
2	Mr. Bhargav A	1SG19EC012
3	Mr. Anil Kumar Yadav P	1SG19EC007
4	Mr. Avinash H M	1SG19EC011
5	Mr. Kishan C S	1SG19EC044

During the above training period, students will be under our supervision and  
observation and they should abide by the terms and conditions as this study must  
be kept confidential.

Thanking you,

For SNS INDUSTRIES



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta  
Bangaluru-560057



Date: 05/04/2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. ANIL KUMAR YADAV.P (USN: 1SG19EC007)**,  
4<sup>th</sup> Year BE Electronics and Communication student of Sapthagiri college of  
Engineering, Bangalore has successfully completed his Internship study from  
15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023 at our company. During this period of internship  
programme he was found punctual, hardworking & Inquisitive.

We wish him every success in his future Endeavour's.

For **SNS INDUSTRIES**

Authorized Signatory

Principal  
Sapthagiri College of Engineering





15G19EC006

ANANYA P

SRI SRINIVASA EDUCATIONAL &amp; CHARITABLE TRUST (R)

**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi &amp; Approved by AICTE - New Delhi)

(Accredited by NAAC with "A" Grade)

(ISO 9001:2015 &amp; ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6573/2022-23

30<sup>th</sup> September 2022

To,  
Takeit Smart,  
Bangalore.

Dear Sir,

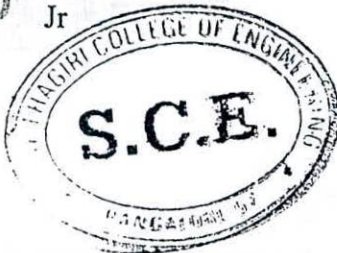
Following are bonafide students of this college studying Fourth year B.E in Electronics & Communication Engineering course in the academic year 2022 - 2023.

SL. No	Name	USN No
1	Ms. Shivani V	1SG19EC092
2	Ms. Ananya P	1SG19EC006
3	Mr. Hitaishi S	1SG19EC040

Further, the said student is permitted to undergo internship training from 1<sup>st</sup> October 2022 to 1<sup>st</sup> November 2022, without disturbing the academics.

Their character and conduct is satisfactory.

Jr



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore-560 057





# Take It Smart (OPC) PVT LTD

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www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**ANANYA. P**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **1<sup>st</sup> October 2022 to 1<sup>st</sup> November 2022**

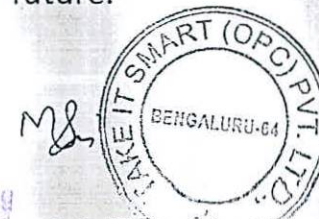
we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
ग़रिब, लघु एवं मध्यम उद्यम

startupindia

*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heeraghatta Main Road  
Bengaluru - 560 057



*M*  
**Mallikarjun Kumbar**  
Director



To,

HOD,

Department of ECE,  
Sapthagiri College of Engineering

Date: 29/09/2022

From,

Ananya.P

Department of ECE,

VII 'A',

Sapthagiri College of Engineering

Respected Sir,

Subject: Permission for attending Internship.

I Ananya.P studying in VII 'A' request you to grant me permission to attend Internship from the company Take It Smart Pvt Limited from 1<sup>st</sup> October to 1<sup>st</sup> November 2022 without disturbing the academics.

Thanking You,

Yours sincerely

Ananya.P

Permitted



Principal  
Sapthagiri College of Engineering  
Chilmarkonda, Hosangudi Main Road



**From,**

Amitoje Singh (ISG19EC005),  
7<sup>th</sup> Sem, 'A' Sec, ECE,  
Sapthagiri College of Engineering,  
Bangalore- 560057

**To,**

The Principal,  
Sapthagiri College of Engineering,  
Bangalore- 560057

**Subject:** Requesting Permission Letter for Internship.

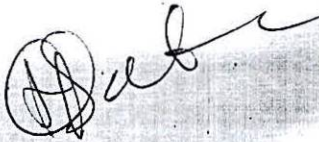
Respected Sir,

I request you to grant me permission letter to do internship at **Sicap India Pvt.Ltd.** in online mode from 17-12-2022 to 27-1-2023.

Thanking you.

Yours's Faithfully,  
Amitoje Singh.  
ISG19EC005.



forwarded  


Needle  
5 year

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosur



Sicap India Pvt. Ltd. | Sector 49 | Sohna Road | Gurgaon - INDIA

Reference No: SICAP/IND/HR/2022-23/10

7 November 2022  
Mr. Amitoje Singh  
Bengaluru

Dear Amitoje,

We are Pleased to offer you the position of Intern with our Organization.

Please find following confirmation of specific of your internship:

Position Title: Intern

Start Date: 17.12.2022

End Date: 27.01.2023

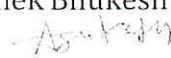
Reporting Manger: You will be reporting to Mr. Yogesh Kumar, - Director of customer operation Yogesh Kumar.

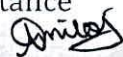
Internship Responsibilities: Your day---to---day responsibilities will include the following:

- Report activities to your superior
- Mange users in OCI and SITS
- Run tests on mobile phones. Mostly smartphones and tablets
- Develop online helps including images for these mobile phones
- Deliverables in both English

Office Location: Gurugram (HR) - India

Should you have any questions regarding the specifics of your internship, Please contact me by email([abhishek.bhuksh@sicap.com](mailto:abhishek.bhuksh@sicap.com)).

Sincerely,  
Abhishek Bhukesh  
Sign:   
Human Resources

Acceptance  
Sign:   
Amitoje Singh

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaseandra, Hesaraghatta Main Road  
Bengaluru - 560 077

**Sicap India Pvt. Ltd.**  
Level 9, Spaze I-Tech Park

A1 Tower

Sector 49 Sohna Road, Gurgaon  
Haryana 122018, INDIA

Phone +91 1246769180  
[abhishek.bhukesh@sicap.com](mailto:abhishek.bhukesh@sicap.com)  
CIN- U72900HR2016FTC063919  
[www.sicap.com](http://www.sicap.com)





Sicap India Pvt. Ltd. | Sector 49 | Sohna Road | Gurgaon - INDIA

To,

Date : 15-12-2022

Dr. PK Chopra VSM (Retd.)  
Head  
Prof. & HoD- Training & Placement  
Ajay Kumar Garg Engineering College  
27th Km Stone, Delhi-Hapur Bypass Road  
Adhyatmik Nagar, Ghaziabad-201009

Sub: Internship training to B.E. (ECE) Students

Dear Sir/Madam,

With reference to your letter requesting us to provide Internship Training to Ms. Manya Upadhyay and Mr. Amitoj Singh students of B.E (ECE), Sapthagiri College Of Engineering, Bangalore, we are pleased to inform you that it has been agreed to provide internship training to them for the period from 17.12.2022 to 27.01.2023. They are advised to report to Yogesh Upadhyay, Manager, Sicap Level 9, Spaze Park, A1 Tower, Sector-49 Sohna Road, Gurgaon for further instruction in this regard.

It may kindly be noted that the student will not be paid any stipend or any other financial assistance during training and will be governed by standard terms & conditions applicable to vocational trainees. It is further informed that trainee should not divulge any information or data which may come to his/her knowledge during the course of training related to the Company to anybody, without our written consent. The trainee has to submit project report on completion of training duly signed by the guide to the undersigned.

Thanking you,

Yours faithfully,

Yogesh Upadhyay

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heenaghatta Main Road  
Bangalore - 560 072

**Sicap India Pvt. Ltd.**  
Level 9, Spaze I-Tech Park  
A1 Tower  
Sector 49 Sohna Road, Gurgaon  
Haryana 122018, INDIA  
Phone +91 1246769180  
abhishek.bhukesh@sicap.com  
CIN- U72900HR2016FTC063919  
www.sicap.com  
Adding value







Sicap India Pvt. Ltd. | Sector 49 | Sohna Road | Gurgaon - INDIA

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Amitoj Singh (USN No. 1SG19EC005) pursuing final year BE-ECE in Sapthagiri college of Engineering, Bengaluru, has completed an internship at Sicap.

Below are the project details:

Internship Topic: Software engineering intern.

The Internship tenure was from 17 December 2022 to 27 January 2023 at Sicap India PVT LTD.

Note: The above letter has been issued on her request for internship presentation purpose only.

For Sicap India Pvt. Ltd.

Abhishek Bhukesh

*Abhishek*

Human Resources Manager

Date 12.02.2023

  
Principal  
Sapthagiri College of Engineering  
1415, Chikkasandra, Mysore Road, Bengaluru

Sicap India Pvt. Ltd.

Level 9, Spaze I-Tech Park

A1 Tower

Sector 49 Sohna Road, Gurgaon

Haryana 122018, INDIA

Phone +91 1246769180

abhishek.bhukesh@sicap.com

CIN- U72900HR2016FTC063919

www.sicap.com

Adding value







# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
[www.takeitsmart.in](http://www.takeitsmart.in)

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**AKSHAY KUMAR HP**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Machine Learning Using Python**

From **20<sup>th</sup> August 2022 to 20<sup>th</sup> September 2022**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heeraghatta Main Road  
Bengaluru - 560 047

#startupindia



Mallikarjun Kumbar  
Director





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **Akshay Kumar HP**

Dear Mr/Mrs. **Akshay Kumar HP**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from 20<sup>th</sup> August 2022. You will be working on project development **MACHINE LEARNING USING PYTHON** Your assignment concludes on September 20<sup>th</sup> 2022.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



*Handwritten signature*

*Handwritten signature*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hanaraphatta Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040



TAKE IT SMART





SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE - New Delhi)  
(Accredited by NAAC with "A" Grade)  
(ISO 9001:2015 & ISO 14001:2015 Certified)

Ref. No. SCE/Rec/6555/2022-23

29<sup>th</sup> September '2022

To,  
The HR Manager.  
Take It Smart (OPC) Pvt. Ltd.,  
Bangalore,

Dear Sir,

Following are bonafide students of this college studying Fourth Year B. E in Electronics and Communication Engineering course in the academic year 2022-23.

S.L. No	Name	USN No.
1	Mr. P K Shriram	1SG19EC059
2	Mr. Akshay Kumar H P	1SG19EC004

Further, the said students may be permitted to undergo industrial/internship training from 3<sup>rd</sup> October' 2022 to 5<sup>th</sup> November' 2022.

Their character and conduct are satisfactory.

They may be kindly permitted and oblige.

Nr.

**S.C.E.**

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057



From,

Akshay Kumar HP

1SG19EC004

ECE 7'A'

Sapthagiri College of Engineering

29<sup>th</sup> September 2022

To,

The Principal

Sapthagiri College of Engineering

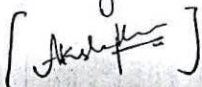
Bengaluru - 560057

Subject: Requesting for permission letter to do Internship

I, Akshay Kumar HP [1SG19EC004] of ECE 7'A' request you to grant permission to do internship at Take it Smart (OP Private limited) and request you to give permission letter for the same. I will attend <sup>all</sup> the ~~remaining~~ sessions in college, both lab and theory. Starting from 3<sup>rd</sup> October to 5<sup>th</sup> November.

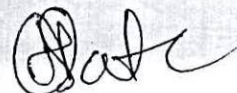
Thank you,

Yours sincerely,

Akshay Kumar HP  
[

forwarded

fee paid

  
29/9/2022

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Near  
Bengaluru - 560057





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**ADARSH GOWDA K R**

Student of **SAPTHAGIRI COLLEGE OF ENGINEERING**

Has completed Internship in **Embedded System and IOT**

From **28<sup>th</sup> March 2023 to 28<sup>th</sup> April 2023**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
महान, लघु एवं मध्यम उद्यम

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Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hezaraghatta Main Rd,  
Bengaluru - 560 057



**Mallikarjun Kumbhar**  
Director





87926 97647 / 80501 04212

[www.takeitsmart.in](http://www.takeitsmart.in)  
[info@takeitsmart.in](mailto:info@takeitsmart.in)

## TAKE IT SMART (OPC) PVT. LTD

### INTERNSHIP OFFER LETTER

Trainee Name: **ADARSH GOWDA K R**

Dear Mr/Mrs. : **ADARSH GOWDA K R**

Based on interview and discussion we had, we are pleased to offer you an educational internship opportunity as a Trainee. You will report directly to Technical Manager. This position is located in **TAKE IT SMART (OPC) PVT.LTD** Office Bangalore. Your schedule will be beginning from **28<sup>th</sup> March 2023**. You will be working on project development **Embedded system and IOT**. Your assignment concludes on **April 28<sup>th</sup> 2023**.

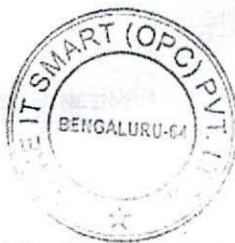
Please indicate your acceptance of the internship by signing this letter and returning it to the Representative or project guide of the Company.

Congratulations and welcome to the Team!

Best Wishes

TAKE IT SMART (OPC) PVT.LTD

Director ,



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaregahalli Main Road  
Bengaluru - 560 057

14,SGN Arcade, 1st Floor, 2nd stage,  
1st Main Rd, RPC Layout, Hoshalli  
Extension, Stage 1, Vijayanagar,  
Bengaluru, Karnataka 560040

Bengaluru, Karnataka - 560 064.



TAKE IT SMART



From.

K.R. Adarsh Gowda.

8<sup>th</sup> Sem 'A' Sec.

ECE.

To,

HOD Sir,

ECE.


Sapthagiri College of Engineering.

Respected Sir,

Subject:- Requesting Permission for Internship

I am Adarsh Gowda Kr. bearing USN: 18E19EC003  
ECE 8<sup>th</sup> Sem. 'A' Sec, I am requesting Permission  
to attend internship at take it start from April.  
March 28<sup>th</sup> to April 28<sup>th</sup>. So I request you to  
give the permission.

Thankyou.

Permitted  




Yours faithfully  
K.R. Adarsh Gowda..

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosang  
Bangalore - 56



For

Abhi : Vidyadhar Shet, Bhavana.N, Kokila.A.S  
Department of ECE  
Sapthagiri college of Engineering  
Bangalore 57

TO,

The Head of Department  
Department of ECE  
Sapthagiri college of Engineering  
Bangalore - 57

Date:

Subject - Request to grant permission to do internship in BEL.

We Abhishek Vidyadhar Shet, Kokila and Bhavana.N studying in department of ECE is requesting you to grant permission to do internship in BEL from to during our course period. And we will attend our internals, technical seminars and project reviews in between the internship. So kindly consider and oblige.

Thank you

Yours sincerely

Abhishek Vidyadhar Shet (ISG19EC002)

Bhavana.N (ISG19EC013) Bhavana.N

Kokila.A.S (ISG19EC045)

  
Principal  
Sapthagiri College of Engineering  
Main Road





# CENTRE FOR LEARNING AND DEVELOPMENT

BHARAT ELECTRONICS LIMITED  
(A Govt. of India Enterprise, Ministry of Defence)  
Jalahalli Post, Bengaluru - 560 013, India

## Certificate

This is to certify that

Sri./Smt/Kum. ABHISHEK VIDYADHAR SHET

RefNo. 1410/CLD/HR/2022-23/27/725

student of SAPTHAGIRI COLLEGE OF

ENGINEERING - BANGALORE

carried out Project Work/Internship on

OVERVIEW OF COMPONENTS

in COMPONENTS

SBU/CSG of BEL, Bengaluru from 29 MAR 2023

to 28 APRIL 2023

He/She was regular and punctual in his/her attendance  
and his/her conduct was satisfactory during the period.

  
Project / Internship Guide

Date : 28/04/2023

Place : Bengaluru

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaandra, Hesaraghatta Main Road  
Bengaluru - 560 057  
Head (HR/CLD)  
सुजाता फ्रांसिस / SUJATHA FRANCIS  
प्रबंधक (मा. सं / सी एल डी)  
MANAGER (HR/CLD)  
भारत इलेक्ट्रॉनिक्स लिमिटेड  
BHARAT ELECTRONICS LTD.  
जालहल्ली पोस्ट, बंगलुरु-560 013





Dr. H Ramakrishna &lt;principal@sapthagiri.edu.in&gt;

## 2 student(s) from your college are learning new industry skills through Internshala Trainings

1 message

Internshala University Relations <university.relations@internshala.com>  
 Reply-To: Internshala University Relations <university.relations@internshala.com>  
 To: principal@sapthagiri.edu.in

Wed, Sep 7, 2022 at 11:06 AM

Dear Prof. Hombalaiah,

Congratulations! Your students have taken a step ahead in their careers by enrolling for learning in-demand skills on Internshala. Please find their details below-

### List of enrollments in the last 15 days -

Student name	Email address	Mobile number	Graduation year	Stream	Training Name	Completion date
Rasika Rukmini Rajesh	rasikarr2002@gmail.com 15919ME900	9980608689	2023	Mechanical Engineering	Programming with Python	27-10-2022
Shivam Kumar O	shivamkumarsk9488@gmail.com 15919EC089	8095359310	2023	Electronics and Communication	Web Development	26-10-2022

View the overall training progress report of all your students by logging in to your student activity dashboard here - <https://internshala.com/i/46e903>

Want more students to learn the latest industry skills so they become job-ready? Reply to this email to schedule a call with us.

Regards,  
 Aayushi Sharma  
 Manager - University Relations  
 Phone - +91 - 89292 94027  
 internshala - internship partner of AICTE.

Principal  
 Sapthagiri College of Engineering  
 115, Chikkasandra, Road, Main Road



**Intel® Unnati**  
Data-Centric Labs in Emerging Technologies

# Give Your Students the Intel Edge.

intel.

Today, there is a wide, and growing, skill gap between technical graduates and IT industry expectations. To propel India's digital economy transformation, it is imperative that the higher education system in the country bridges this gap by developing new curricula and offering courses in emerging technologies. The National Education Policy 2020<sup>1</sup> recognises this, and stresses the need for greater industry-academic linkages, and for higher education institutions to focus on research and innovation.

With the **Intel® Unnati Program**, you can keep pace with fast changing industry needs and expectations. It will help you:



#### **Equip your students with industry relevant data-centric skills**

In this age of data explosion, there is immense opportunity. Give your students the edge by equipping them with data-centric skills that will help them glean better insights and develop high-value solutions.



#### **Unleash your students' creative potential**

We, in India, have an incredible opportunity to unleash the creative potential of the largest student population in the world by training them in the right skills to drive India's digital transformation.



#### **Build a strong reputation**

With an Intel co-branded lab, you can be recognised as an institute that is committed to train your students in the latest technology to prepare them for industry, and focus on faculty development.



#### **Build capability for the long term**

Establish and maintain your leadership with the help of our System Integrator Associates. From Intel's recommendations for end-to-end Technology Labs set up and course content to training, customisations of your lab set up, or your maintenance and support requests, you can rely on them for all your needs.

## Winning with the Intel® Unnati Community

With an Intel® Unnati Lab, you—and your faculty and students—become part of the Intel® Unnati Community, and get exclusive benefits:

- Intel® Unnati Grand Challenge and Intel® Unnati Rapid Challenge, which inspire your students to work in teams to solve industry relevant high impact problems through technology, with cash awards to be won and the opportunity to be evaluated for internships at Intel
- Intel® Unnati Ignite workshops that offer your students and faculty hands-on experience with Intel technologies
- Intel® Unnati Catalyst sponsorships for select tech contests and events that you conduct, where you encourage and accelerate the use of new and emerging technologies

<sup>1</sup>Ministry of Human Resource Development, Government of India, National Education Policy 2020, [https://static.pib.gov.in/WriteReadData/userfiles/NEP\\_Final\\_English\\_0.pdf](https://static.pib.gov.in/WriteReadData/userfiles/NEP_Final_English_0.pdf)

Principal  
Sapthagiri College of Engineering  
14, Old Chennai, Maharashtra Main Road



Principal  
Sapthagiri College of Engineering  
14/5, Chikkabandra, Hosur Main Road  
Bengaluru - 560 057







To know more about how your institution can benefit from the Intel® Unnati Program, please contact:

intel.

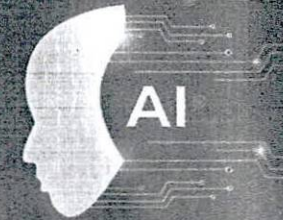
  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bangalore - 560 057



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**M: 9880170673, 8867754817, 8867754818**

  
Principal

Shri Jagiri College of Engineering  
Chikkasandra, Hosur  
Bengaluru - 560022



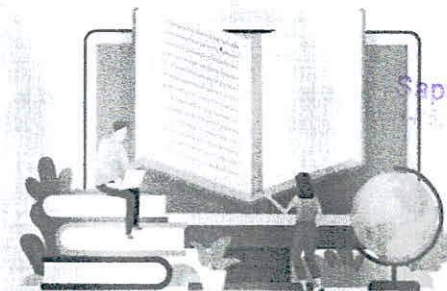
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- Embedded Systems
- Graphical User Interface using Python
- Internet of Robotics Things
- Learn Problem solving in C Programming



*Principal*  
Sapthagiri College of Engineering  
Chikkabandura, Hosurapeta Main Road

**M: 98801 70673, 88677 54817, 88677 54818**

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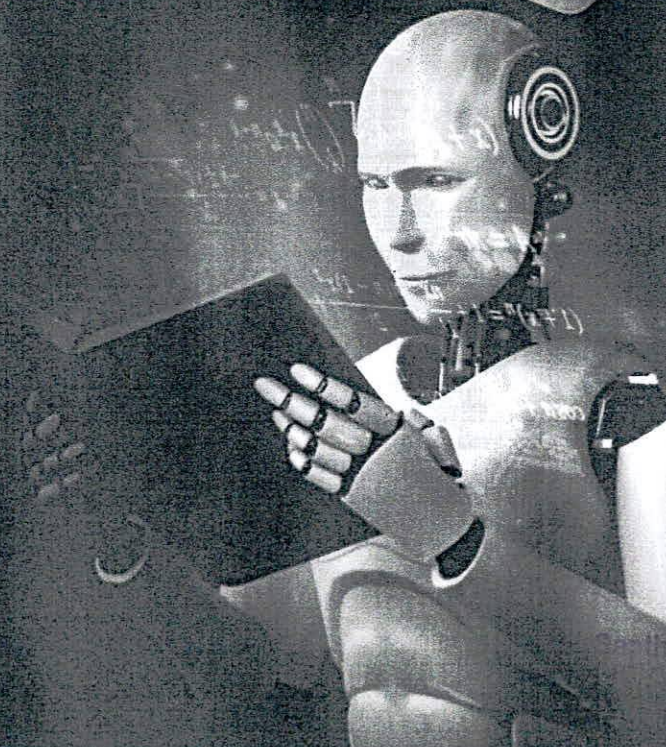
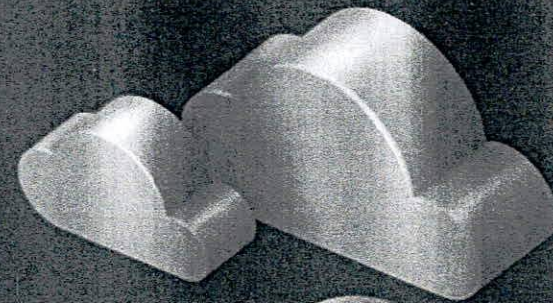
intel

EdGate<sup>®</sup>  
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- Learn how machines make predictions
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- Brain Neurons V/S Artificial Neurons
- Terminology of Deep Neural Networks
- CNN and RNN
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Majorly practical sessions



M: 99016 02910, 86607 58468, 88677 54817, 88677 54818,

A partner of Intel Unnati Program

Good  
negotiable

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Coke

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Anil  
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Principal

Spring Girl College of Engineering  
Mangalore





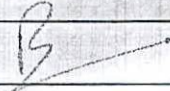

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
( Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE-New Delhi)  
(An ISO 9001:2015 and 14001:2015 certified institution)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057  
Accredited by NAAC 'A' GRADE  
Accredited by NBA

## Circular

Date : 7/10/2022


### Center For Innovation and Leadership (CIL)

This is to inform all HODs of Sapthagiri College of Engineering that CIL (Center for innovation and leadership) of SCE is arranged an Industry Internship programme for the first year students of all the branches from 11-10-2022 to 28-10-2022. The training programme is based on soft skills/ professional skills. The session will be delivered in an offline mode and online mode. The schedule for the programme is attached herewith. Your kind cooperation is solicited to this programme. The HODs are requested to arrange the venue for the respective branch. Also requested that the schedule to be circulated to all the students

Sl No.	Name	Role	Signature
1	Dr.H. Ramakrishna	Principal	
2.	Mrs. Suma Vishwanath	Group Head HR	
3.	Dr.Rekha S N	Convener	
4.	Mr.Thejas	Member	
5.	Mrs. Shashirekha G	Member	

Copy  
All HODs



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



## SCHEDULE FOR FIRST YEAR TRAINING

### IBM SkillsBuild Sessions at Sapthagiri

Students will be divided into 4 Batches as shared below:

Batch 1	Civil, Mech, BT, EEE	184 students
Batch 2	ECE	126 students
Batch 3	ISE	120 students
Batch 4	CSE	124 students

3 key topics will be covered, Professionalism & etiquette, Resume Building & LinkedIn Profile and Digital Literacy. These topics and their learning objectives are shared in the table below.

TOPIC	SUB-TOPICS
Professionalism- Etiquettes	Communication Skills - Formal & pseudo- formal
	E-mail writing
	Presentation skills
	How to face challenges
	Resolving with critical thinking
Resume Building & LinkedIn Profiling	Resume Writing, format and layouts
	LinkedIn profiling and Creating a Profile
Digital Literacy	Digital Footprint
	Effective use of social media

The sessions calendar spans 11<sup>th</sup> to 28<sup>th</sup> of October. Trainer will conduct the sessions with your students from 11<sup>th</sup> - 14<sup>th</sup> of Oct and they will be assigned tasks and activities to complete from the 15<sup>th</sup> to the 27<sup>th</sup> of Oct. 27<sup>th</sup> & 28<sup>th</sup> of Oct to conduct a Q&A session and assess completed tasks and assignments. Students will then be allowed to participate in a group discussion to reflect on learnings and present their completed tasks.

Dates	Agenda	Timing
11-Oct	Batch 1 to be covered	3 hours (10 AM to 1 PM)
12-Oct	Batch 2 to be covered	3 hours (10 AM to 1 PM)
13-Oct	Batch 3 to be covered	3 hours (10 AM to 1 PM)
14-Oct	Batch 4 to be covered	3 hours (10 AM to 1 PM)
15- Oct to 26-Oct	Assignments and Homework	Self-Paced learning
27-Oct	Assessment of Assignments with Q & A Session	3 hours (10 AM to 1 PM)
28-Oct	Group Discussion and Presentation	3 hours (10 AM to 1 PM)

COVENER

PRINCIPAL

Principal  
Sapthagiri College of Engineering  
1415 CHENNAI

7/10/22



## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi

An ISO 9001:2015 and 14001:2015 certified Institution

Accredited by NAAC with "A" Grade

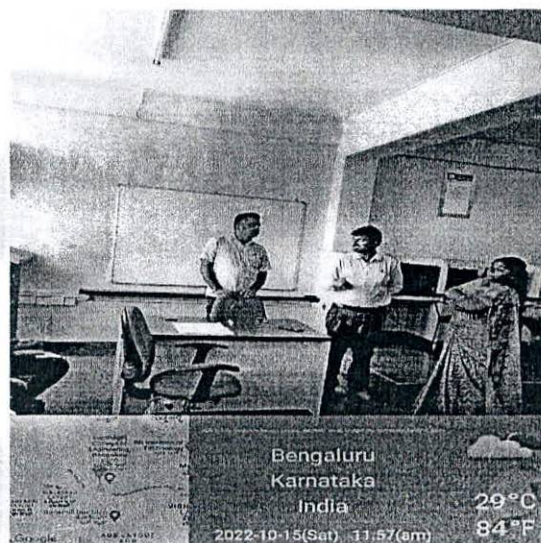
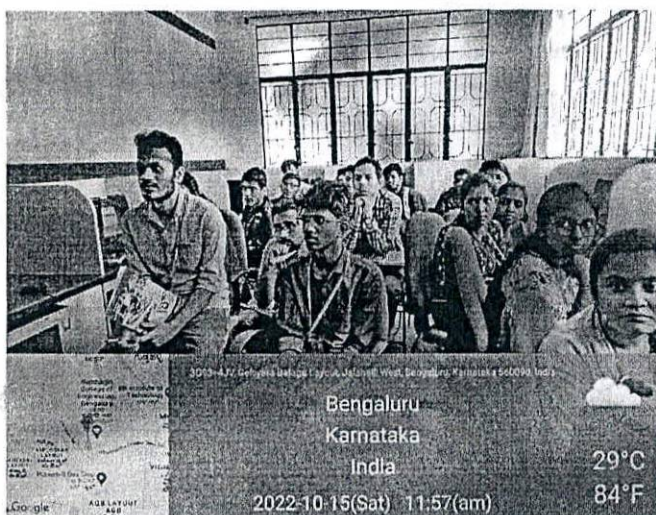
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


#### Academic Year :2022-23

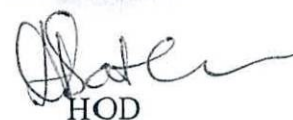
#### Internship Training

The Department of Electronics and Communication Engineering of Sapthagiri College of Engineering offered internship for 4<sup>th</sup> year students on VLSI design from october 15<sup>th</sup> to 12<sup>th</sup> december by Technocarv solutions ltd. 41 students have registered and hands on sessions were held on every Saturday and Sunday from 9.00 am -5.00pm.



Students attending Internship training.

  
Internship Co Ordinator

  
HOD

  
Principal

Sapthagiri College of Engineering  
#15, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



## SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi  
(Accredited by NAAC with "A" Grade ) (Accredited by NBA for ECE, CSE, ISE, ME, EEE)  
& ISO 9001:2015 and ISO 14001:2015 Certified Institution  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Electronics and Communication Engineering


### INTERNSHIP-TECHNOCARV SOLUTIONS LTD.

SL.NO.	NAME	USN
1	Abhishek vidyadhar shet	1sg19ec002
2	Anusha C	1sg19ec008
3	Bhavana P S	1SG19EC014
4	Bhoomika N	1SG19EC015
5	Bindhu H C	1SG19EC017
6	Brunda GP	1SG19EC018
7	Brunda P	1SG19EC019
8	Deepika P	1SG19EC025
9	Dipthi N	1SG19EC029
10	HARSHITHA.N	1SG19EC038
11	Inchara V	1SG19EC041
12	Kokila A S	1SG19EC045
13	Latha T S	1SG19EC049
14	MOHAMMED MAAZ	1SG19EC054
15	Monica Valentina M	1SG19EC056
16	PRASHANTH K B	1SG19EC062
17	Praveen A	1SG19EC064
18	Praveen B R	1SG19EC065
19	Preetam Hegde	1SG19EC066
20	PURUSHOTHAM	1SG19EC069
21	Rahul N	1SG19EC072
22	Rahul Kumar Yadav	1SG19EC074
23	RAJAPU RISHIKESH	1sg19ec075
24	Rakesh L	1SG19EC076
25	RANJITH S G	1SG19EC077
26	Rohith DG	1SG19EC080
27	Ruthvik Gowda h	1SG19EC081
28	S.RAVEESH KOTI	1SG19EC082
29	Sangeeth M	1SG19EC085
30	SANJAY K	1SG19EC086



31	SANKEERTH M	1SG19EC087
32	SHASHANK R	1SG19EC088
33	SHIVAM KUMAR SHARMA	1SG19EC090
34	Shivam Shiva	1sg19ec091
35	Sumana M	1SG19EC101
36	Sumanth C Gowda	1SG19EC102
37	Vandhana.S	1SG19EC111
38	VIJAYAKUMAR S N	1SG19EC113
39	Gowtham S Magar	1SG20EC400
40	Praveen B	1SG20EC407
41	Sandeep O	1SG20EC410

  
INTERNSHIP CO ORDINATORS

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosurachatta Main Road  
Bengaluru - 560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

CIN NO: U80302KA1947NPL000477

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with 'A' Grade)

(Accredited by NBA for ECE,CSE,ISE,ME,EEE)

(An ISO 9001 : 2015 & ISO 14001:2015 Certified Institution)

Ref. No. SCE/Rec/7008/2022-23

Dt. : 14<sup>th</sup> February' 2023

To,  
SNS Industries.  
Peenya  
Bangalore – 560058.

Dear Sir,

This is to certify that **Mr. Jeevan T V** bearing **USN : 1SG19EC042** is a bonafide student of this college studying Fourth year B.E in Electronics and Communication Engineering course in the academic year 2022 - 2023.

Further, the said student has undergone industrial/internship training from 15<sup>th</sup> February 2023 to 17<sup>th</sup> March' 2023.

He may be kindly permitted and obliged.

His character and conduct is satisfactory.

Nr.

Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road  
Bangalore- 560 057

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057



Jeevan T.V  
8<sup>th</sup> Sem, A Sec  
ECE Department  
Sapthagiri College of Engineering

14<sup>th</sup> FEB 2023

To,

The Head of Department  
ECE Department  
Sapthagiri College of Engineering  
Bangalore - 560 057

Respected Sir,

Subject :- Requesting to attend internship

& Mr Jeevan T.V [15G19E1042] Studying in 8<sup>th</sup> Sec

'A' ECE Department is you to allow me  
to attend the internship on "SNC Industries"  
from 15<sup>th</sup> Feb 2023 - 17<sup>th</sup> March 2023

& kindly request you to grant me  
permission to do my internship. Please  
do oblige.

Thanking You

forwarded



Principal  
Sapthagiri College of Engineering

Yours Faithfully.



fees 2022  
paid

4.1.23



Date: 14/02/2023

To,  
The Principal  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesarghatta main road,  
Bangaluru-560057.

Dear Sir,

Subject: Permission granted for doing Fourth year BE in Electronics and  
communication Project work for the year 2022-23.

Permission is hereby communicated to take up the 4<sup>th</sup> year BE project work by  
following students of your institution from 15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023.

Sl.no	NAME	USN
1	Mr. Jeevan T V	1SG19EC042
2	Mr. Bhargav A	1SG19EC012
3	Mr. Anil Kumar Yadav P	1SG19EC007
4	Mr. Avinash H M	1SG19EC011
5	Mr. Kishan C S	1SG19EC044

During the above training period, students will be under our supervision and  
observation and they should abide by the terms and conditions as this study must  
be kept confidential.

Thanking you,

For SNS INDUSTRIES

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta main road, Bengaluru-560057





Date: 05/04/2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. JEEVAN T.V (USN: 1SG19EC042)**, 4<sup>th</sup> Year BE Electronics and Communication student of Sapthagiri college of Engineering, Bangalore has successfully completed his Internship study from 15<sup>th</sup> Feb 2023 to 17<sup>th</sup> Mar 2023 at our company. During this period of internship programme he was found punctual, hardworking & Inquisitive.

We wish him every success in his future Endeavour's.

For SNS INDUSTRIES

  
Authorized Signatory  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosanghalla Main Road  
Bengaluru - 560 057



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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Abhijith Sai Chinni*

has actively participated in the IBM's Innovation BootCamp.

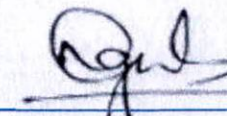
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

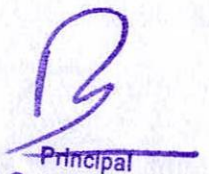
**Between 11th to 28th October, 2022**

Email: abhijithsai9@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hosuraghatta Main Road,  
Bengaluru - 560 057

Date of Issue  
2/11/2022



005

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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Aditya Ranjan Biswal*

has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: adityarbiswal@gmail.com

Batch 2



Nagesh Singh  
Executive Director,  
Edunet Foundation



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hennaghatta Main Road  
Bengaluru - 560 057  
Date of Issue  
27/11/2022



EC006

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## CERTIFICATE OF PARTICIPATION

This Certifies that

**Aishwarya K M**

has actively participated in the IBM's Innovation BootCamp.

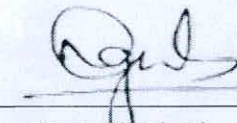
Workshop Title: IBM SkillsBuild Internship on Job Readiness

Institute Name: Sapthagiri College

Between 11th to 28th October, 2022

Email: aishureddy4647@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hosuraghatta Main Road,  
Bengaluru 560057  
Date of Issue  
2/11/2022





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## CERTIFICATE OF PARTICIPATION

This Certifies that

Akshay s Patil

has actively participated in the IBM's Innovation BootCamp.

Workshop Title: IBM SkillsBuild Internship on Job Readiness

Institute Name: Sapthagiri College


Between 11th to 28th October, 2022

Email: akshay1973s@gmail.com

Batch 2



Nagesh Singh  
Executive Director,  
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Principal  
Sapthagiri College of Engineering  
14/5, Chikkappaiah Street, Main Road,  
Bengaluru - 560 026  
Date of Issue  
27/11/2022



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This Certifies that

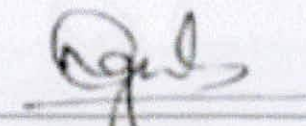
Ananya H S

has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikhasandra, Hosur  
Bengaluru 560 022





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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Ankith M*

has actively participated in the IBM's Innovation BootCamp.

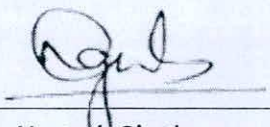
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: [ankuankith3@gmail.com](mailto:ankuankith3@gmail.com)

Batch 2

  
Nagesh Singh  
Executive Director,  
Edunet Foundation

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hattatta Main Road  
Bengaluru - 560 057  
Date of Issue  
2/11/2022



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This Certifies that

***Ankitha B***

has actively participated in the IBM's Innovation BootCamp.


**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**



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Executive Director,  
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Date of Issue  
2/11/2022  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesarghatta Main Road,  
Bengaluru - 560 057



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## CERTIFICATE OF PARTICIPATION

This Certifies that

***Anusha.R***

has actively participated in the IBM's Innovation BootCamp.

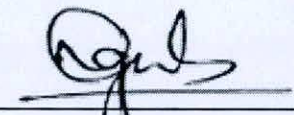
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**


**Between 11th to 28th October, 2022**

Email: asharamachandra2000@gmail.com

Batch 2



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**Principal**  
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14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057  
Date of Issue  
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Eco14

Eco14-

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## CERTIFICATE OF PARTICIPATION

This Certifies that

Arpitha .A

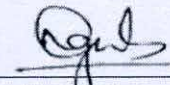
has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: arpithagaran@gmail.com



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2/11/2022

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Bengaluru - 560 057



18

ECO157

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## CERTIFICATE OF PARTICIPATION

This Certifies that

**Ashrith M L**

has actively participated in the IBM's Innovation BootCamp.

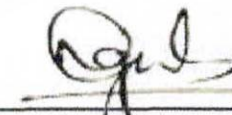
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: ashritmlsapthagiricollege@gmail.com

Batch 2



**Nagesh Singh**  
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Bengaluru - 560 037



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This Certifies that

***B S Nandan Kishore***

has actively participated in the IBM's Innovation BootCamp.

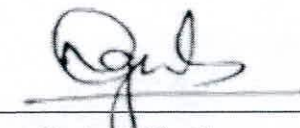
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: bsnandankishore@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
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**Principal**  
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Bengaluru - 560 057  
Date of Issue: 2/11/2022



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This Certifies that

***B Tarun***

has actively participated in the IBM's Innovation BootCamp.


**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: bodalatarun@gmail.com

Batch 2



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Executive Director,  
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**Principal**  
**Sapthagiri College of Engineering**  
Date of Issue: 2/11/2022  
14/5, Chikkasandra, Baghmane, Bengaluru - 560 05.



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## CERTIFICATE OF PARTICIPATION

This Certifies that

***Bhagath SG***

has actively participated in the IBM's Innovation BootCamp.

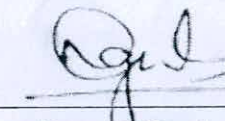
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: bhagathsg83@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hosur,  
Bengaluru - 560 022  
Date of Issue: 2/11/2022



EC020

**IBM SkillsBuild**

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foundation

## CERTIFICATE OF PARTICIPATION

This Certifies that

*Bhargavi K.C.*

has actively participated in the IBM's Innovation BootCamp.

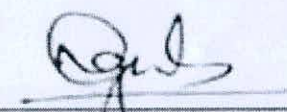
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: bhargavikc2003@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
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**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Rd,  
Bengaluru - 560 087



15G2IEC021

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## CERTIFICATE OF PARTICIPATION

This Certifies that

***Bhavana. B***

has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

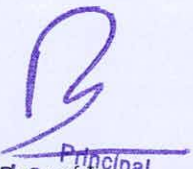
**Between 11th to 28th October, 2022**

Email: bhavanagowda026@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
Date of Issue  
**Sapthagiri College of Engineering**  
14/5, Chikkaswamy Road, Hosur Main Road  
Bengaluru - 560 022



EC022

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Foundation

## CERTIFICATE OF PARTICIPATION

This Certifies that

Bhavana S

has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**



Nagesh Singh  
Executive Director,  
Edunet Foundation



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra Main Road,  
Bengaluru - 560022



EC023

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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Bhoomika R*

has actively participated in the IBM's Innovation BootCamp.

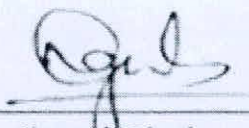
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**


**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: rbhoomika900@gmail.com

Batch 2

  
Nagesh Singh  
Executive Director,  
Edunet Foundation

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosur Road, Bengaluru  
Date of Issue: 2/11/2022



Eco24

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## CERTIFICATE OF PARTICIPATION

This Certifies that

***Bhoomika R***

has actively participated in the IBM's Innovation BootCamp.

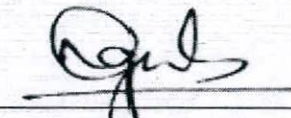
Workshop Title: IBM SkillsBuild Internship on Job Readiness

Institute Name: Sapthagiri College


Between 11th to 28th October, 2022

Email: rbhoomika900@gmail.com

Batch 2



Nagesh Singh  
Executive Director,  
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Principal  
Sapthagiri College of Engineering  
14/5, Chikkasalli, Hesaraghatta Main Road  
Date of Issue  
2/11/2022



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## CERTIFICATE OF PARTICIPATION

This Certifies that

Chiranth H A

has actively participated in the IBM's Innovation BootCamp.

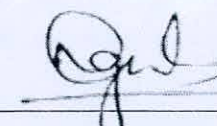
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: abhigyadav37@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
**Sapthagiri College of Engineering**  
4/5, Chikkasandra, Hebbal, Main Road  
Bengaluru  
Date of Issue  
2/11/2022



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## CERTIFICATE OF PARTICIPATION

This Certifies that

***Darshan N***

has actively participated in the IBM's Innovation BootCamp.

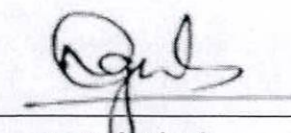
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**


**Between 11th to 28th October, 2022**

Email: 567darshi@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
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**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkaswamy Main Road  
Bengaluru - 560025  
Date of Issue  
2/11/2022



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This Certifies that

***Deepak R***

has actively participated in the IBM's Innovation BootCamp.


**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: deepakgowda0812@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Bengaluru  
Date of Issue  
2/11/2022



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## CERTIFICATE OF PARTICIPATION

This Certifies that

Devaraj. V

has actively participated in the IBM's Innovation BootCamp.

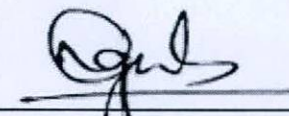
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**


**Between 11th to 28th October, 2022**

Email: devarajdharshan72@gmail.com

Batch 2



Nagesh Singh  
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Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarahalli,  
Bangalore  
Date of Issue  
2/11/2022



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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Dhruvakumar k*

has actively participated in the IBM's Innovation BootCamp.

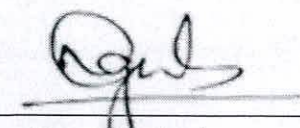
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: ddhruvakumar57@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Bangalore  
Date of Issue  
2/11/2022



E033

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foundation

## CERTIFICATE OF PARTICIPATION

This Certifies that

***G Sai Tilak***

has actively participated in the IBM's Innovation BootCamp.

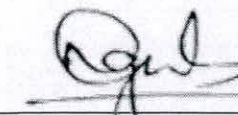
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: Tilaksai19385@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Sapthagiri College of Engineering**  
14/5, Chikkasand, Bengaluru  
Bengaluru  
Principal  
Date of Issue  
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EC034.

EC034

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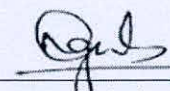
This Certifies that

**G Spoorthy**

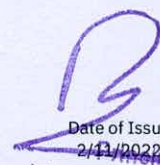
has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**  
**Institute Name: Sapthagiri College**  
**Between 11th to 28th October, 2022**

Email: spoorthygangadhar03@gmail.com



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



Date of Issue  
24/11/2022

**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057



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## CERTIFICATE OF PARTICIPATION

This Certifies that

Gagan H

has actively participated in the IBM's Innovation BootCamp.

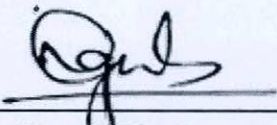

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: gaganhemanth07@gmail.com

Batch 2

  
Nagesh Singh  
Executive Director,  
Edunet Foundation  
Date of Issue  
2/11/2022  
Sapthagiri College of Engineering  
Principal  
14/5, Chikkasandra, Heasraghatta Main Road  
Bengaluru - 560 057



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***Gagan R***

has actively participated in the IBM's Innovation BootCamp.

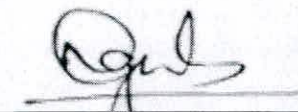
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

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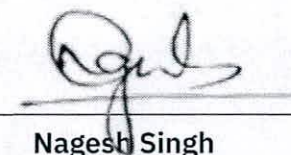
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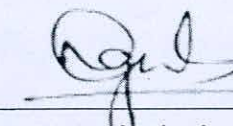
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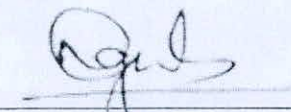
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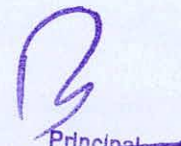
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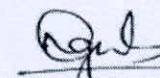
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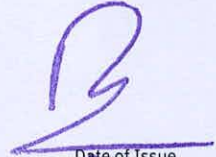
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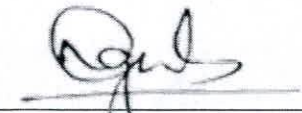
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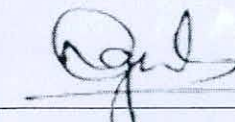
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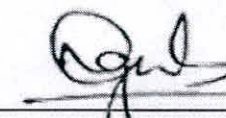
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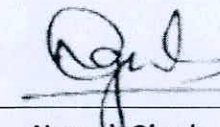
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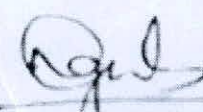
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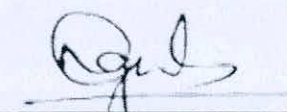
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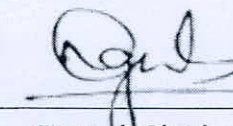
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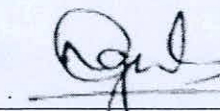
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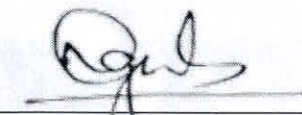
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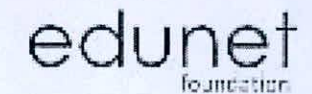
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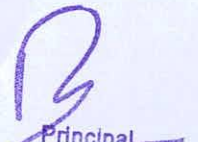
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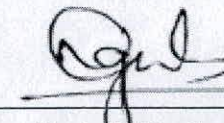
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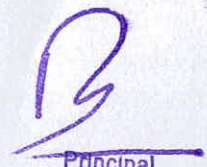
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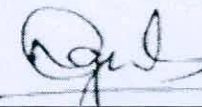
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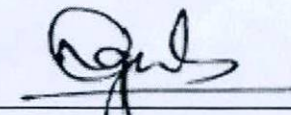
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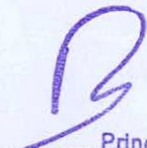
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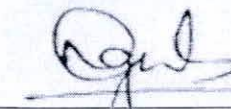
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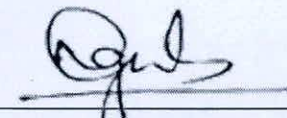
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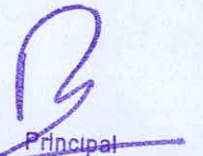
**Between 11th to 28th October, 2022**

Email: pavanpangar20@gmail.com

Batch 2



Nagesh Singh  
Executive Director,  
Edunet Foundation



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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Prajwal G*

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Batch 4



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## CERTIFICATE OF PARTICIPATION

This Certifies that

***Prakruthi S Malnad***

has actively participated in the IBM's Innovation BootCamp.

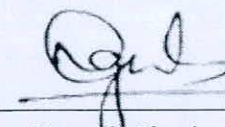
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

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Batch 2



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This Certifies that

***Prashanth V H***

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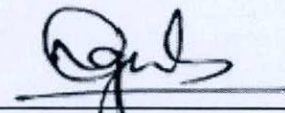
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

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## CERTIFICATE OF PARTICIPATION

This Certifies that

***Preethi K***

has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

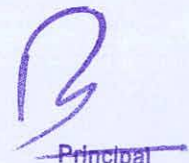
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Batch 2



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EC082

EC082

## IBM **SkillsBuild** Completion Certificate



This certificate is presented to

**Pruthvika R**

for the completion of

# **Course 1: Communication Skills**

(ILB-EKRGXPZQVNYJ29BZ)

According to the IBM Learning Patterns system of record

**Completion  
date:** 22 Sep 2023  
(GMT)

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



**IBM SkillsBuild**

Completion Certificate



This certificate is presented to

Pruthvika R

for the completion of

**Cyber Security Tutorial | Cyber Security Training  
For Beginners | Cyber Security | Simplilearn**

(URL-OLRDSGG9MPW)

As indicated by this learner

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main  
Bengaluru - 560 082**Completion date:** 07 Feb 2023 (GMT)**Learning hours:** 4 hrs 13 mins



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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Puneeth R*

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2/11/2022



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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Raghu C*

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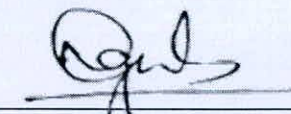
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

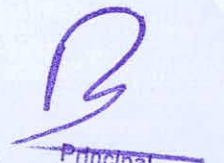
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Batch 2



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This Certifies that

*Rajeev N Kaushik*

has actively participated in the IBM's Innovation BootCamp.

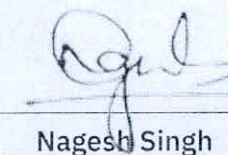
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

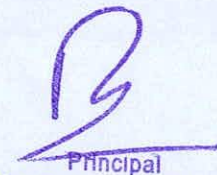
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## CERTIFICATE OF PARTICIPATION

This Certifies that

**RAJESHWARI P**

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This Certifies that

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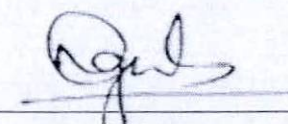
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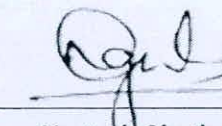
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This Certifies that

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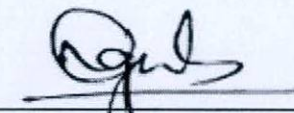
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

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Sahana R

has actively participated in the IBM's Innovation BootCamp.

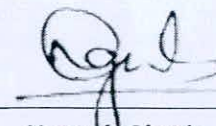
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Batch 2



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This Certifies that

*Sahana Shetty*

has actively participated in the IBM's Innovation BootCamp.

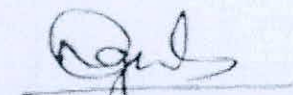
Workshop Title: IBM SkillsBuild Internship on Job Readiness

Institute Name: Sapthagiri College

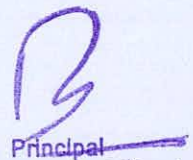
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Email: sahanashetty@gmail.com

Batch 4



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## CERTIFICATE OF PARTICIPATION

This Certifies that

***SAMRIDDHI V***

***KHANDELWAL***

has actively participated in the IBM's Innovation BootCamp.

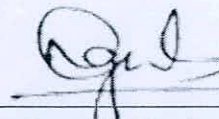
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

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## CERTIFICATE OF PARTICIPATION

This Certifies that

*Sanjana*

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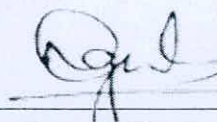
Workshop Title: IBM SkillsBuild Internship on Job Readiness

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Batch 2



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## CERTIFICATE OF PARTICIPATION

This Certifies that

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## CERTIFICATE OF PARTICIPATION

This Certifies that

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has actively participated in the IBM's Innovation BootCamp.

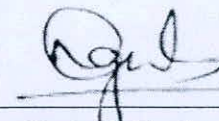
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

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This Certifies that

***SHREYAS B L***

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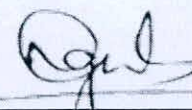
Workshop Title: IBM SkillsBuild Internship on Job Readiness

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Batch 2



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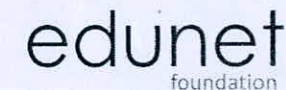
Principal  
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This Certifies that

**SHREYAS N**

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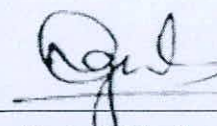
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

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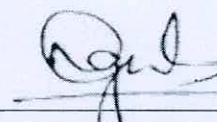
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

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Batch 2



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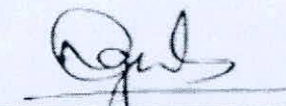
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EC105

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## CERTIFICATE OF PARTICIPATION

This Certifies that

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**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

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EC107

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## CERTIFICATE OF PARTICIPATION

This Certifies that

Sreevatsa.s

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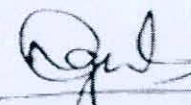
Workshop Title: IBM SkillsBuild Internship on Job Readiness

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EC108

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## CERTIFICATE OF PARTICIPATION

This Certifies that

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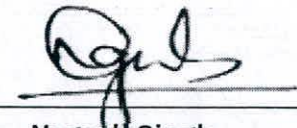
Workshop Title: IBM SkillsBuild Internship on Job Readiness

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*kalasannavar*

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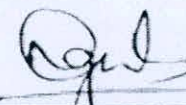
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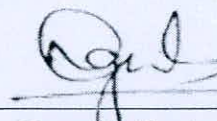
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

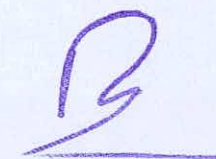
**Between 11th to 28th October, 2022**

Email: Lakshmi.gg.45@gmail.com

Batch 2



**Nagesh Singh**  
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Edunet Foundation



**Principal**  
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2/11/2022



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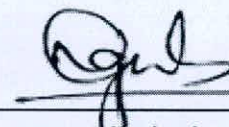
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: sudikumar2002@gmail.com

Batch 2



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has actively participated in the IBM's Innovation BootCamp.

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**Institute Name: Sapthagiri College**


**Between 11th to 28th October, 2022**

Email: [Suhailullakhan619@gmail.com](mailto:Suhailullakhan619@gmail.com)

Batch 2



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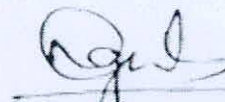
Workshop Title: IBM SkillsBuild Internship on Job Readiness

Institute Name: Sapthagiri College

Between 11th to 28th October, 2022

Email: Suhasraj6366@gmail.com

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This Certifies that

***Tejaswini S S***

has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: tejaswinidwika@gmail.com

Batch 2

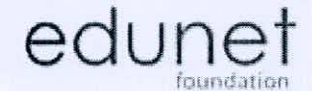


**Nagesh Singh**  
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Thanushree BA

has actively participated in the IBM's Innovation BootCamp.

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**Institute Name: Sapthagiri College**

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Email: thanushwath26@gmail.com

Batch 2



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## CERTIFICATE OF PARTICIPATION

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*Tharun c*

has actively participated in the IBM's Innovation BootCamp.

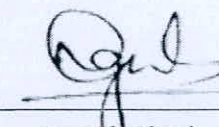
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: tharunc842@gmail.com

Batch 2



**Nagesh Singh**  
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Bendupalya, Bengaluru - 560097  
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Thrisha. Bai. D

has actively participated in the IBM's Innovation BootCamp.

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Institute Name: Sapthagiri College

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Email: thrishabaid@gmail.com

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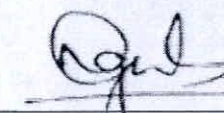
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: udaykumar200424@gmail.com

Batch 2



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This certificate is presented to

**VAISHNAVIKA S  
GANGADKAR**

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### **Course 1: Communication Skills**

(ILB-EKRGXPZQVNYJ29BZ)

According to the IBM Learning Patterns system of  
record

**Completion date:** 22 Sep 2023  
(GMT)



Principal

Sapthagiri College of Engineering  
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Bengaluru - 560 057



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**VARUN S**

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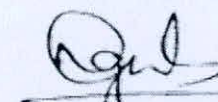
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

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Email: varunvarung06@gmail.com

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***Vedagange***

has actively participated in the IBM's Innovation BootCamp.

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**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: [keerthi18gowda@gmail.com](mailto:keerthi18gowda@gmail.com)

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This Certifies that

***vishwas M***

has actively participated in the IBM's Innovation BootCamp.

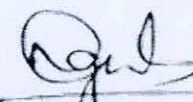
**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

**Between 11th to 28th October, 2022**

Email: vishwas2992002@gmail.com

Batch 2



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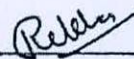
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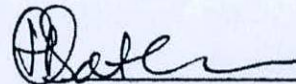
**ARPITHA S**

bearing USN 15G22EC400 has actively participated in  
**"Communication skills - Internship Program"**  
conducted from 15th May to 3rd June 2023 at  
Sapthagiri College of Engineering, Bengaluru.



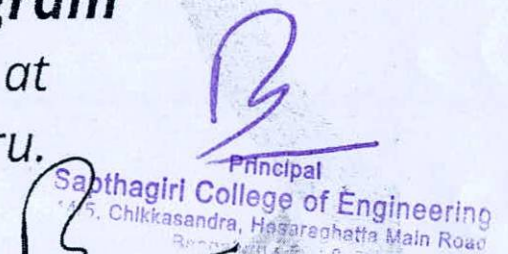
**DR. REKHA S N**

SKILL DEVELOPMENT CONVENER



**DR. H C SATHISH KUMAR**

HOD,EC



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
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**DR. H. RAMAKRISHNA**

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**CHANNAKESHA K R**

*bearing USN 1SG22EC401 has actively participated in*  
**"Communication skills - Internship Program"**  
*conducted from 15th May to 3rd June 2023 at*  
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**DR. REKHA S N**

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**DR. H C SATHISH KUMAR**

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**PRAJWAL K S**

*bearing USN 1SG22EC406 has actively participated in*

**"Communication skills - Internship Program"**

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**DR. H C SATHISH KUMAR**

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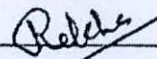


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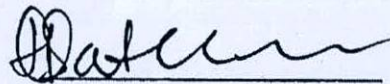
**JAYASHREE G**

*bearing USN 1SG22EC404 has actively participated in*  
**"Communication skills - Internship Program"**  
*conducted from 15th May to 3rd June 2023 at*  
*Sapthagiri College of Engineering, Bengaluru.*



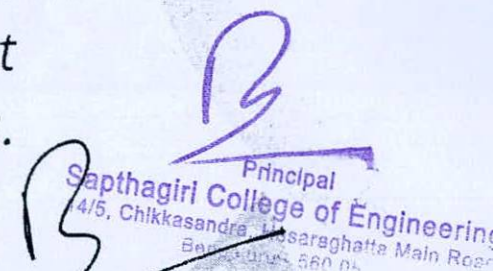
**DR. REKHA S N**

**SKILL DEVELOPMENT CONVENER**



**DR. H C SATHISH KUMAR**

**HOD,EC**



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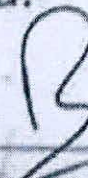
**DR. REKHA S N**

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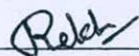
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**"Communication skills - Internship Program"**

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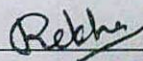
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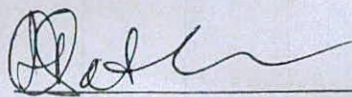
**RAMYA KULKARNI**

*bearing USN 15G22EC407 has actively participated in*  
**"Communication skills - Internship Program"**  
*conducted from 15th May to 3rd June 2023 at*  
*Sapthagiri College of Engineering, Bengaluru.*



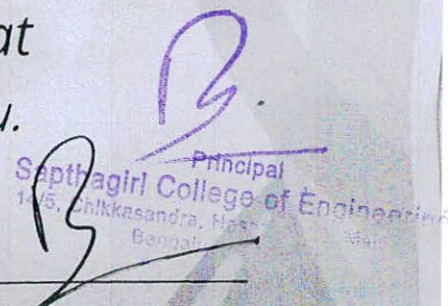
**DR. REKHA S N**

**SKILL DEVELOPMENT CONVENER**



**DR. H C SATHISH KUMAR**

**HOD,EC**



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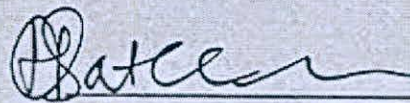
**SHREYAS D NADIGER**

*bearing USN 1SG22EC409 has actively participated in*  
**"Communication skills - Internship Program"**  
*conducted from 15th May to 3rd June 2023 at*  
*Sapthagiri College of Engineering, Bengaluru.*



**DR. REKHA S N**

SKILL DEVELOPMENT CONVENER



**DR. H C SATHISH KUMAR**

HOD,EC



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**DR. H. RAMAKRISHNA**

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***V Vishnu***

has actively participated in the IBM's Innovation BootCamp.

**Workshop Title: IBM SkillsBuild Internship on Job Readiness**

**Institute Name: Sapthagiri College**

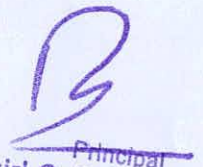
**Between 11th to 28th October, 2022**

Email: vishnuvasavan26@gmail.com

Batch 2



**Nagesh Singh**  
Executive Director,  
Edunet Foundation



**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Heeranahalli Main  
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Completion Certificate



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Vaishnavika

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**Cyber Security Tutorial | Cyber Security Training  
For Beginners | Cyber Security | Simplilearn**

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As indicated by this learner

  
Principal

Sapthagiri College of Engineering  
\*4/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

Completion date: 07 Feb 2023 (GMT)

Learning hours: 4 hrs 13 mins



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**VATHSALA H K**

bearing USN 1SG22EC410 has actively participated in  
**"Communication skills - Internship Program"**  
conducted from 15th May to 3rd June 2023 at  
Sapthagiri College of Engineering, Bengaluru.

**DR. REKHA S N**

SKILL DEVELOPMENT CONVENER

**DR. H C SATHISH KUMAR**

HOD, EC

**DR. H. RAMAKRISHNA**

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14/5, Hesarghatta Main Road, Bangalore-560057