

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057  
Phone:080-28372800/1/2      www.sapthagiri.edu.in      Fax: 080-28372797

Sl.No.	USN	NAME	COMPANY OF INTERNSHIP	TITLE OF INTERNSHIP	From	To	Number of months	Date of presentation	Coordinator	Report (20)	Prese nta tio n (20)	Conte nt(20)	Techn ology(20)	Skill devel oped(20)	Total(100)	Total(50)
1	ISG17EC001	A K Paveen Poonacha	Bharat Electronics Limited	Communication Equipment and Network Center Systems	12th March 2021	10th April 2021	1	5th June 21	Prof. Kavitha R J	18	19	18	18	19	92	46
2	ISG17EC002	Abhay Gagan B. S.	Gemini Electro Corporation	Designing and Manufacturing of Customised Keyboard	9th April 2021	9th May 2021	1	14th June	Prof.Prathibha P	15	17	17	19	19	87	44
3	ISG17EC003	Abhishek A Hippargi	BMRL	Internship at Bengaluru metro (BMRL)	26th March 2021	26th April 2021	1	3rd June 21	Prof. Pakash Jadhav	20	19	19	19	20	97	49
4	ISG17EC004	ABHISHEK BASAWA	ALPHA TECHNOLOGY	Machine learning	16th March 2021	16th April 2021	1	3rd June 21	Prof. Pakash Jadhav	18	19	19	18	19	93	47
5	ISG17EC007	Aishwarya C	Bharat Electronics Limited	Electronic Voting Machine in Export Manufacture	10th March 2021	8th April 2021	1	4th June 21	Prof. Pakash Jadhav	19	19	19	18	19	94	47
6	ISG17EC009	Ameeth Ashok Pattanas	Elecsis infotech	Embedded System with IoT	8th March 2021	9th April 2021	1	4th June 21	Prof. Pakash Jadhav	19	18	19	19	19	94	47
7	ISG17EC011	Anish M.	R K Enterprise	iTranMS system testing	8th March 2021	8th April 2021	1	5th June 21	Prof. Kavitha R J	18	19	18	18	19	92	46
8	ISG17EC012	Anusha SV	Bharat Electronics Limited	PDIC(Domain in Embedded systems )	19th March 2021	17th April 2021	1	4th June 21	Prof. Pakash Jadhav	19	19	19	19	19	95	48
9	ISG17EC013	Ashok L.	Gemini Electro Corporation	Designing and Manufacturing of Endoscope	9th April 2021	9th May 2021	1	14th June	Prof.Prathibha P	15	17	17	18	19	86	43
10	ISG17EC015	Avani Purohith	Bharat Electronics Limited	Overview of Naval Systems	12th March 2021	10th April 2021	1	4th June 21	Prof. Pakash Jadhav	19	19	19	19	19	95	48
11	ISG17EC017	B K Harshit	Bharat Electronics Limited	Communication Equipments and Network Centric System	12th March 2021	10th April 2021	1	4th June 21	Prof. Pakash Jadhav	20	19	19	19	19	96	48
12	ISG17EC019	Bhumika K. S.	Bdgetronix	Trainee embedded product development engineer	12th March 2021	12th April 2021	1	4th June 21	Prof. Pakash Jadhav	19	19	19	19	19	95	48
13	ISG17EC022	Chandra Kumar U	Bharat Electronics Limited	Communication equipments and network centric system	10th March 2021	8th April 2021	1	5th June 21	Prof. Pakash Jadhav	20	20	19	20	19	98	49
14	ISG17EC023	Darshan Banbalore	Technofly Solutions	Embedded	9th March 2021	10th April 2021	1	6th June 21	Prof. Kavitha R J	15	17	17	19	19	87	44
15	ISG17EC024	Darshan S K	Alpha technology	Machine learning	16th March 2021	16th April 2021	1	6th June 21	Prof. Kavitha R J	15	17	17	18	19	86	43
16	ISG17EC025	Deepika Sharma R.	Vee Vee Controls Private Limited	UCB Cum Generator Relay and Synch Cum Metering Panel	10th March 2021	10th April 2021	1	5th June 21	Prof. Pakash Jadhav	20	20	19	20	19	98	49
17	ISG17EC026	Dhanush Bharadwaj H	R K Enterprise	Intern	8th March 2021	8th April 2021	1	5th June 21	Prof. Pakash Jadhav	20	20	19	19	19	97	49
18	ISG17EC028	Divyashree R A	Bharat Electronics Limited	Surface Mounting Technology	10th March 2021	8th April 2021	1	5th June 21	Prof. Pakash Jadhav	19	19	19	19	19	95	48
19	ISG17EC029	Eisha Sharma	CONSOLE LANCER	INTERNET OF THINGS	1st March 2021	1st April 2021	1	11th June	Prof. Kavitha R J	20	20	19	19	19	97	49
20	ISG17EC030	Ganavi D	Karunadu Technologies Private Limited	Python with Machine learning	4th March 2021	4th April 2021	1	5th June 21	Prof. Pakash Jadhav	19	18	19	18	19	93	47
21	ISG17EC032	Geetha M	Karunadu Technologies Private Limited	Python with Machine Learning			1	5th June 21	Prof. Pakash Jadhav	18	18	19	18	19	92	46
22	ISG17EC033	Geethanjali M. C.	Technofly Solutions	INTERNET OF THINGS	16th March 2021	17th April 2021	1	14th June	Prof.Prathibha P	18	18	18	19	19	92	46
23	ISG17EC034	Harish S.	Gemini Electro Corporation	Designing and Manufacturing of Customised keyboards	9th April 2021	9th May 2021	1	3rd June 21	Prof. Suma V Shetty	20	20	19	18	18	95	48
24	ISG17EC035	Hemanth M R	V I Solutions	Labview Application Software, Data Acquisition System and Industrial IoT	15th March 2021	21st April 2021		3rd June 21	Prof. Kavitha R J	20	20	19	19	19	97	49
25	ISG17EC036	Hemanth R	Alpha Technology	Machine Learning	16th March 2021	16th April 2021	1	3rd June 21	Prof. Suma V Shetty	20	20	19	19	17	95	48
26	ISG17EC037	Jagadish M	Bharat Electronics Limited	Overview of SC &US	12th March 2021	10th April 2021	1	3rd June 21	Prof. Suma V Shetty	20	19	18	19	19	95	48
27	ISG17EC038	Janaki S	Bharat Electronics Limited	PDIC(Domain in Embedded systems )	19th March 2021	17th April 2021	1	3rd June 21	Prof. Suma V Shetty	20	19	20	19	19	97	49
28	ISG17EC039	Jeevitha A	Vee Vee Controls Private Limited	Soft Starter Panel	10th March 2021	10th April 2021	1	5th June 21	Prof. Kavitha R J	18	18	18	18	18	90	45
29	ISG17EC040	Jiphil P Jose	Vee Vee Controls Private Limited	Star Delta Starter Panel	10th March 2021	10th April 2021	1	3rd June 21	Prof. Suma V Shetty	20	20	20	20	20	100	50
30	ISG17EC042	Kasturi Nandagoan	Technofly Solutions	Internet of Things	16th March 2021	17th April 2021		6th June 21	Prof. Kavitha R J	19	19	18	17	17	90	45
31	ISG17EC043	Keshava B R	V I solutions	Labview Application Software, Data Acquisition System and Industrial IoT	15th March 2021	21st April 2021	1	4th June 21	Prof. Suma V Shetty	20	19	18	19	19	95	48
32	ISG17EC046	Lavanya P	Bharat Electronics Limited (BEL)	Overview of Naval Systems	12th March 2021	10th April 2021	1	5th June 21	Prof. Kavitha R J	19	19	19	19	19	95	48
33	ISG17EC047	Lohith D. T.	BMRL	Internship report on BMRL	26th March 2021	26th April 2021	1	5th June 21	Prof. Kavitha R J	19	19	19	19	19	95	48
34	ISG17EC048	Lokesh S	Gemini Electro Corporation	Designing and Manufacturing of Endoscope	9th April 2021	9th May 2021	1	6th June 21	Prof. Kavitha R J	15	18	18	17	18	86	43
35	ISG17EC049	Mallika R Babu	Karunadu Technologies Private Limited	Python with Machine Learning	4th March 2021	4th April 2021	1	5th June 21	Prof. Kavitha R J	18	18	17	17	16	86	43
36	ISG17EC050	Manjunath R	Elecsis Infotech	Embedded System with IoT	8th March 2021	9th April 2021		5th June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
37	ISG17EC051	Manoj Kumar N.	Elecsis Infotech	Embedded system with IOT	15th March 2021	15th April 2021	1	6th June 21	Prof. Kavitha R J	19	19	19	18	19	94	47
38	ISG17EC052	Mayur R	Bharat Electronics Limited	Communication Equipment and Network Centric System	10th March 2021	8th April 2021	1	5th June 21	Prof. Kavitha R J	19	19	19	18	19	94	47
39	ISG17EC054	N Shushanth	HEAT CONTROL INSTRUMENTS AND SERVICES	Temperature Controllers	9th March 2021	10th April 2021	1	14th June	Prof.Prathibha P	15	17	17	17	19	85	43
40	ISG17EC055	Nainisha K Kumar	Bharat Electronics Limited	Overview of SC &US	9th March 2021	7th April 2021	1	4th June 21	Prof. Suma V Shetty	20	19	19	19	19	95	48

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41	ISG17EC056	Nandini S	Elecsis Infotech	Embedded System with IoT	15th March 2021	15th April 2021	1	5th June 21	Prof. Suma V Shetty	20	19	18	19	19	95	48
42	ISG17EC057	Navneet Singh	Bharat Electronics Limited	Overview of SC & US	12th March 2021	10th April 2021		5th June 21	Prof. Suma V Shetty	20	19	18	19	19	95	48
43	ISG17EC058	Nethravathi K G	Karunadu Technologies Private Limited	Python with machine learning	4th March 2021	4th April 2021	1	11th June 21	Prof. Kavitha R J	19	18	19	18	19	93	47
44	ISG17EC060	Nitin B S	Bharat Electronics Limited	Overview of SC & US	9th March 2021	7th April 2021	1	9th June 21	Prof. Kavitha R J	20	20	19	18	18	95	48
45	ISG17EC062	Pavithra V	Vee Vee Controls Private Limited	DOL Starter Panel	10th March 2021	10th April 2021	1	9th June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
46	ISG18EC403	Deepa B Patil	Karunadu Technologies Private Limited	Python with machine learning	10th March 2021	10th April 2021	1	3rd June 21	Prof. Kavitha R J	20	18	18	18	18	92	46
47	ISG18EC405	Divya.k	INTEXS	Study and Analysis of Electronic Circuits, Coordination in PCB Layout- Preparation and Approval, PCB Testing and Fault Analysis	10th March 2021	10th April 2021	1	3rd June 21	Prof. Kavitha R J	20	18	18	18	18	92	46
48	ISG18EC407	Hanumantha N	V I Solutions	Labview Application Software, Data Acquisition System and Industrial IoT	15th March 2021	21st April 2021		4th June 21	Prof. Kavitha R J	20	18	18	18	18	92	46
49	ISG18EC408	Inchara K C	Karunadu Technologies Private Limited	Python with Machine Learning	10th March 2021	10th April 2021	1	4th June 21	Prof. Kavitha R J	20	18	18	18	18	92	46
50	ISG16EC083	Raksha NK	L&T Electrical & Automation	Wireless Power Transfer	1st March 2021	31st March 2021	1	3rd June 21	Prof. Pakash Jadhav	19	18	18	18	18	91	46
51	ISG17EC021	Chandan H C	Avika Technologies	Assembling and Testing of UPS	22nd March 2021	17th April 2021	1	11th June	Prof. Kavitha R J	15	17	17	19	19	87	44
52	ISG17EC064	Prajwal R	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation-PLC-online-offline Comparator & Scada-Screen Navigation	4th March 2021	6th April 2021	1	9th June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
53	ISG17EC066	Prathika V M	ISRO-LEOS	Analysis for Digital Implementation of Timing Discriminator	10th March 2021	10th April 2021	1	8th June 21	Prof. Kavitha R J	20	19	20	20	19	98	49
54	ISG17EC067	Priyanka G	Bharath Earth Movers Limited	Metro Maintenance	12th March 2021	15th April 2021		8th June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
55	ISG17EC069	Priyanka R	Kanetify Academy	Internet of things	26th August 2020	25th September 2020	1	8th June 21	Prof. Kavitha R J	20	18	20	19	19	96	48
56	ISG17EC071	Rakshitha Raju. R	Central Manufacturing Technology Institute (CMTI)	Design and Development of Signal Conditioning Circuit for a Microphone	10th March 2021	9th April 2021	1	3rd June 21	Prof. Prathibha P	19	18	18	19	19	93	47
57	ISG17EC072	Ranjeeta das	Qspiders	Software testing for live projects	10th March 2021	10th May 2021	2	8th June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
58	ISG17EC073	Riva Esther	Bharat Electronics Limited (BEL)	Overview of Naval System	10th March 2021	8th April 2021	1	8th June 21	Prof. Kavitha R J	20	19	20	20	19	98	49
59	ISG17EC075	Ruchita R Shah	Bharat Electronics Limited (BEL)	Overview of Naval System (s& CS)	10th March 2021	8th April 2021	1	11th June 21	Prof. Kavitha R J	19	19	19	18	19	94	47
60	ISG17EC076	Sachin G D	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation -PLC-Vat Table(10 configuration) & Scada-standard Objects	4th March 2021	6th April 2021		9th June 21	Prof. Kavitha R J	18	18	17	17	16	86	43
61	ISG17EC077	Sachin T S	ELECTRONICS TEST AND DEVELOPMENT CENTRE (ETDC)	ELECTRONICS TESTING AND CALIBRATION	10th March 2021	10th April 2021	1	11th June 21	Prof. Kavitha R J	20	19	18	19	19	95	48
62	ISG17EC078	Sagar S	Karunadu Technologies Private Limited	Robotics and It's Application	15th March 2021	15th April 2021	1	9th June 21	Prof. Kavitha R J	19	19	19	18	19	94	47
63	ISG17EC080	Samata Gajanan Munag	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation-PLC(Integer Functions) & SCADA(Tag creation)	4th March 2021	6th April 2021	1	11th June 21	Prof. Kavitha R J	19	19	19	18	19	94	47
64	ISG17EC081	Sampritha HS	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation- PLC(Counter) and Scada(Tag logging)	4th March 2021	6th April 2021	1	11th June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
65	ISG17EC083	Santrupti P	Technologies	Machine learning using python			1	5th June 21	Prof. Prathibha P	19	19	19	19	20	96	48
66	ISG17EC084	Shalini H	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation- PLC(Comparator) and Scada(User Archive)	4th March 2021	6th April 2021		5th June 21	Prof. Prathibha P	19	17	19	19	19	93	47
67	ISG17EC085	SHIRIN M THOMAS	Central Manufacturing Technology Institute (CMTI)	Application Software for Vision Inspection of Peeling Traces	10th March 2021	9th April 2021	1	5th June 21	Prof. Prathibha P	20	19	19	20	20	98	49
68	ISG17EC086	Shraddha S Gowda	BEML	Metro management	12th March 2021	15th April 2021	1	5th June 21	Prof. Prathibha P	20	20	18	18	17	93	47
69	ISG17EC087	Shreevidya	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation- PLC(Bit Logic) and Scada(Alarm Logging)	4th March 2021	6th April 2021	1	5th June 21	Prof. Prathibha P	20	18	19	19	20	96	48
70	ISG17EC088	SHREYAS S	Karunadu Technologies Private Limited	ROBOTICS AND ITS APPLICATIONS	15th March 2021	15th April 2021	1	5th June 21	Prof. Prathibha P	19	18	18	18			46



71	ISG17EC089	Sindhu Shree G P	Karnataka German Technical Training Institute	Industrial Automation-PLC(Timers) and SCADA(Style Palette)	4th March 2021	6th April 2021	1	8th June 21	Prof. Kavitha R J	19	18	18	18	18	91	46
72	ISG17EC090	Sneha V	Technofly Solutions	Machine Learning	9th March 2021	9th April 2021		3rd June 21	Prof. Shobha H	20	19	19	19	20	97	49
73	ISG17EC091	Sonika M Naik	L&T Electrical & Automation	Electromagnetic Power Transfer	1st March 2021	31st March 2021	1	3rd June 21	Prof. Shobha H	20	18	18	18	19	93	47
74	ISG17EC092	Sophia A	Central Manufacturing Technology Institute	Design and Development of Signal Conditioning Circuit for an Oxygen Sensor and its Interfacing with Arduino	10th March 2021	9th April 2021	1	3rd June 21	Prof. Shobha H	20	19	19	19	19	96	48
75	ISG17EC094	Suman Kumar S	Karnataka German Technical Training Institute	Industrial Automation-PLC(Trouble Shooting) and SCADA(Graphics Designer)	4th March 2021	6th April 2021	1	3rd June 21	Prof. Shobha H	20	20	20	20	20	100	50
76	ISG17EC095	Sushma G	Bharath Earth Movers Limited	Power distribution and car body in metro	12th March 2021	15th April 2021	1	3rd June 21	Prof. Shobha H	20	19	19	19	18	95	48
77	ISG17EC096	Sushma N	KGTTI	Industrial Automation-PLC(hardware configuration),scada (OS project editor)	4th March 2021	6th April 2021	1	4th June 21	Prof. Shobha H	20	18	19	19	18	94	47
78	ISG17EC098	Sweta Prakash Rastapur	Technofly Solutions	Embedded Systems	9th March 2021	10th April 2021		3rd June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
79	ISG17EC100	TEJAS S	Technofly Solutions	Embedded Systems	9th March 2021	10th April 2021	1	4th June 21	Prof. Kavitha R J	19	19	17	16	19	90	45
80	ISG17EC102	Thimmaraju R	VI SOLUTIONS	Machine Learning	15th March 2021	21st April 2021	1	4th June 21	Prof. Shobha H	20	19	19	19	19	96	48
81	ISG17EC103	Uma Maheshwari R	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation-PLC(Organization Blocks). SCADA(window objects and tube objects)	4th March 2021	6th April 2021	1	4th June 21	Prof. Shobha H	20	19	19	19	19	96	48
82	ISG17EC104	Vaishnavi K.S	Ospiders	Live Projects(Software)	10th March 2021	10th May 2021	2	4th June 21	Prof. Shobha H	20	19	19	19	20	97	49
83	ISG17EC105	Varsha V V	Schneider	Wireless power transfer			1	4th June 21	Prof. Shobha H	20	19	19	19	18	95	48
84	ISG17EC106	Vasanth Kumar G V	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation Design-PLC(upload Backup & Archive),Scada (Tag Management )	4th March 2021	6th April 2021		4th June 21	Prof. Shobha H	20	19	19	19	18	95	48
85	ISG17EC107	Vidhya J H	Schneider	Wireless power transfer			1	5th June 21	Prof. Shobha H	20	17	17	17	17	88	44
86	ISG17EC108	Vidya V	Bharath Earth Movers Limited	METRO FRAME	12th March 2021	15th April 2021	1	5th June 21	Prof. Shobha H	20	18	18	18	18	92	46
87	ISG17EC109	Vidya Shree K H	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation-PLC-Converters & SCADA-Controls	4th March 2021	6th April 2021	1	5th June 21	Prof. Shobha H	20	18	18	18	18	92	46
88	ISG17EC110	Vikyath Kamalesh	Karunadu Technology Private Limited	Robotics and It's Application	15th March 2021	15th April 2021	1	5th June 21	Prof. Shobha H	20	18	18	18	19	93	47
89	ISG17EC111	Vishwas M	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation-PLC- FC, FB, DB, UDT & SCADA-Interface with Field Devices	4th March 2021	6th April 2021	1	5th June 21	Prof. Shobha H	20	19	19	19	19	96	48
90	ISG17EC112	Vivek H M	Karnataka German Technical Training Institute (KGTTI)	Industrial Automation-PLC- Analog FC105, FC106 & SCADA-Smart Objects Design	4th March 2021	6th April 2021		5th June 21	Prof. Shobha H	20	19	19	19	19	96	48
91	ISG17EC113	Yathin B S	VI solutions	Labview Application Software, Data Acquisition System and Digital Image Processing	15th March 2021	21st April 2021	1	4th June 21	Prof. Kavitha R J	20	20	19	19	20	98	49
92	ISG17EC114	Yeshwanth A	Karunadu Technology Private Limited	Robotics and It's Application	15th March 2021	15th April 2021	1	3rd June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
93	ISG17EC115	CHANDANA S	SVS POWER SYSTEM	Manufacturing of Lead Acid Battery	8th March 2021	8th April 2021	1	3rd June 21	Prof. Kavitha R J	18	18	19	18	19	92	46
94	ISG17EC116	Sameena A Nadaf	BDGTRONIX Pvt.Ltd	Trainee Embedded Product Development Engineer	12th March 2021	12th April 2021	1	3rd June 21	Prof. Kavitha R J	20	17	17	18	18	90	45
95	ISG17EC417	Punushotham R.	Technofly Solutions	Internet of Things	15th March 2021	15th April 2021	1	11th June	Prof. Kavitha R J	17	16	16	17	16	82	41
96	ISG18EC416	VANITHA R	SVS POWER SYSTEM	Manufacturing of Lead Acid Battery	8th March 2021	8th April 2021	1	4th June 21	Prof. Kavitha R J	20	18	18	18	18	92	46

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



## 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 . . . . A.K. PAVEEN . POONACHA . . . . .

Ref No. . . . . 1410 /CLD /HR/2020-21/21/113 . . . . .

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

. . . . . BENGALURU . . . . .

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

. . . . . COMMUNICATION EQUIPMENT AND NETWORK . . . . .

. . . . . CENTRE SYSTEMS . . . . .

in . . . . . MILITARY COMMUNICATION . . . . .

SBU/CSG of BEL, Bengaluru from . . . . . 12<sup>th</sup> MARCH 2021

to . . . . 10 APRIL 2021 . . . . .

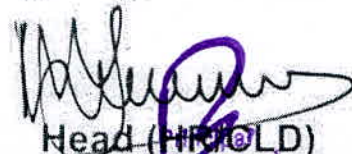
*He/She was regular and punctual in his/her attendance  
and his/her conduct was satisfactory during the period.*



Project / Internship Guide

Date : 10.04.2021

Place : Bengaluru



Head (HOD)

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





Gemni Electro Corporation

GSTIN :29ABDPV0504A1Z4

## INTERNSHIP CERTIFICATE

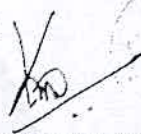
June 23, 2021

This is to certify that **Mr. ABHAY GAGAN B S** (USN:15G17EC002) of 4<sup>th</sup> Year (8<sup>th</sup>-Sem) B.E in Electronics and Communication Engineering Batch 2017-21 of **SAPTHAGIRI COLLEGE OF ENGINEERING** (Bangalore) has successfully completed his Internship during April(09/04/2021)-May(09/05/2021)

The project was undertaken by him in "Designing and Manufacturing of Customized Keyboards" under the guidance of **Mrs.N S T Sundari** (MANAGER) in **M/S GEMNI ELECTRO CORPORATION**.


During the period of internship he was found inquisitive, self-motivated and hardworking. I hereby certify his work as excellent to the best of my knowledge.

Issued By:

  
NARAYANA PRASAD.K.V (C.E.O)

Gemni Electro Corporation

(INTERNAL GUIDE)

  
N S T SUNDARI

MANAGER

**Sapthagiri College of Engineering**  
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Bengaluru - 560 057

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# ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲ್ ನಿಗಮ ನಿಯಮಿತ

(ಸಹಭಾಗಿತ್ವದ - ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಹಾಗೂ ಕೇಂದ್ರ ಸರ್ಕಾರ ಉದ್ಯಮ)  
ನೋಂದಾಯಿತ ಕಛೇರಿ : ಬಿ.ಎಂ.ಟಿ.ಸಿ. ಕಾಂಪ್ಲೆಕ್ಸ್, 3ನೇ ಮಹಡಿ, ಕೆಂಗಲ್ ಹನುಮಂತಯ್ಯ ರಸ್ತೆ, ಶಾಂತಿನಗರ  
ಬೆಂಗಳೂರು - 560 027, ಭಾರತ

## Bangalore Metro Rail Corporation Ltd.

(A Joint Venture of Government of Karnataka & Government of India)

Regd. Office : B.M.T.C. Complex, 3rd Floor, K.H. Road, Shanthinagar,  
Bangalore - 560 027. INDIA

No: BMRCL/CE (PM&B)/Internship/Certificate/2021-22

29 June 2021

### TO WHOM-SO-EVER IT MAY CONCERN

\*\*\*\*\*

This is to certify that **Mr. ABHISHEK A HIPPARGI (1SG17EC003)** student studying in 4<sup>th</sup> Year B. E, (Electronics and Communication Engineering) of Sapthagiri College of Engineering, Bangalore has completed his Internship Training Programme in Bangalore Metro Rail Corporation Ltd., (BMRCL) from 26.03.2021 to 26.04.2021 under the guidance of is Smt. B. Shilpa Latha, Junior Engineer (Telecom) BMRCL.

We wish him a successful career and bright future ahead.

 29/6/21

(M. Srinivas)  
Chief Engineer (PM&B)

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





## ALPHA TECHNOLOGY

#715, 1<sup>st</sup> Floor, Suhas complex, 3<sup>rd</sup> A cross, A Sector Yelahanka New Town,  
Bengaluru-560064

Mob: 9342548781, T /Ph 08042060166 Email: [alpha.jayaraman@gmail.com](mailto:alpha.jayaraman@gmail.com)

Ref-ALPHA /internship/2020-21/0018

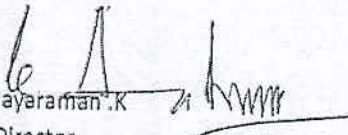
DATE : 16/04/2021

### TO WHOM IT MAY CONCERN

It is certified that **Mr. Abhishek B Konnur ( 1SG17EC004 )** 4<sup>th</sup> Year Electronics and Communication Engineering, **Sapthagiri college of engineering**. He attended internship training from 16<sup>th</sup> march 2021 to 16<sup>th</sup> april 2021 covering 30 days on going internship program from alpha technology. During the internship training he worked on **Machine Learning**. During this period he showed himself as a very good programmer, hard worker, intelligent, reliable and submissive.

We appreciate the passion and professionalism he has exhibited during internship.

We wish him success in life.

  
Jayaraman K.  
Director

Alpha Groups  
Bangalore

Contact No: 9342548781

Email: [alpha.jayaraman@gmail.com](mailto:alpha.jayaraman@gmail.com)

ALPHA ELECTRONICS & COMM. LA.  
# 850-A Sector  
Seshadripuram College Road,  
Yelahanka New Town  
Bangalore 560 064

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



# 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 ..... AISHWARYA.C. ....

Ref No. .... 1410 / CLD / HR / 2020-21 / 27 / 130 .....

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

..... ENGINEERING, BANGALORE. ....

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

..... ELECTRONIC VOTING MACHINE .....

in ..... "EXPORT MANUFACTURE" .....

SBU/CSG of BEL, Bengaluru from .... 10<sup>th</sup> MARCH 2021 ..

to .... 08<sup>th</sup> APRIL 2021 ..

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

  
Project / Internship Guide  
विनीता सी. विनीथा. सी.  
BCE 206462

Date : 8/4/2021

Place : Bengaluru

असिस्टेंट प्रबंधक  
ASST. MANAGER HR/COMPS & EM

  
Head (HR/CLD)  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057

DEPUTY MANAGER  
BENGALURU



# Certificate Of Internship

We present this certificate to

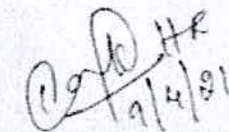
**AMEETH ASHOK PATTANASHETTI**

in recognition of his/her hard work and dedication as an intern at "Elecsis Infotech" in

**Embedded System with IOT**

The internship was conducted between 8th March 2021 to 9th April, 2021

Congratulations & best wishes for his/her future endeavors.



Technical Head



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

Director





**R.K. ENTERPRISES**

*Design-Mfg. of Custom Built Electronics Products*

# C-25, 3rd Main Road,  
Rajajinagar Industrial Estate,  
Bangalore - 560 044.  
Tel / Fax : +91 80 2330 4999

Ref: SCE/REC/4333/2020-21

Date: 08<sup>TH</sup> April 2021

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Mr. Anish M** ( USN No.: 1SG17EC011 ) Student of fourth year BE in **Electronics and Communication Engineering Department** of **Sapthagiri College of Engineering, Bangalore** has Successfully completed his Internship at **RK ENTERPRISES, Bangalore** from **08<sup>th</sup> March 2021 to 08<sup>th</sup> April 2021.**

His Conduct and Progress during the above period was found to be  
**SATISFACTORY.**

**For R.K. ENTERPRISES,**

For R.K. ENTERPRISES

**Ramesha .N**

**For Proprietor.**

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







**ಭಾರತ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್**  
**भारत इलेक्ट्रॉनिक्स**  
**BHARAT ELECTRONICS**

**भारत इलेक्ट्रॉनिक्स लिमिटेड**

(भारत सरकार का उद्यम, रक्षा मंत्रालय)

उत्पाद विकास एवम् नवोन्मेष केंद्र

जालहल्ली पोस्ट, बेंगलूरु-560 013, भारत

**BHARAT ELECTRONICS LIMITED**

(A Govt. of India Enterprise, Ministry of Defence)

**Product Development & Innovation Centre**

Jalahalli Post, Bengaluru-560 013, India.

फोन / Phone :

फैक्स / Fax :

ईमेल / E-mail :

सं/No: 6050/HR/PDIC/PT-137/2020-21

दिनांक/Date: 17.04.2021

(उत्पाद विकास ए नवोन्मेष केंद्र)

PRODUCT DEVELOPMENT INNOVATION CENTRE

**प्रमाण-पत्र - CERTIFICATE**

This is to certify that **Ms. Anusha S V** student of the **Sapthagiri College of Engineering , Bangalore** has undergone Internship in BEL from 19.03.2021 to 17.04.2021 and has undergone Orientation in "PDIC" (Domain in Embedded Systems).

She was regular and punctual and her conduct was satisfactory during period.

**SR. ASST. HR OFFICER**  
**(HR)/PDIC**

थिमैया क मी / THIMMAIAH K M

206140

वरिष्ठ सहायक मानव संसाधन अधिकारी

SR. ASST. H R OFFICER

उत्पाद विकास / PD & IC

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

9914 041 028 38

पंजीकृत एवं कारपोरेट ऑफिस : नागावारा, आउटर रिंग रोड, बेंगलूरु - 560 045, भारत

Reg. & Corporate Office : Nagavara, Outer Ring Road, Bengaluru - 560 045, India

सी आई एन / CIN : L32309KA1954GOI000787

आई एस ओ / ISO 9001 and 14001 प्रमाणित कंपनी / Certified Company





INTERNSHIP CERTIFICATE

June 23, 2021

This is to certify that **Mr. ASHOK L (USN:1SG17EC013)** of 4<sup>th</sup> Year (8<sup>th</sup>-Sem) B.E in Electronics and Communication Engineering Batch 2017-21 of SATHAGIRI COLLEGE OF ENGINEERING (Bangalore) has successfully completed his Internship during April(09/04/2021)-May(09/05/2021)

The project was undertaken by him in “**Designing and Manufacturing of Endoscope**” under the guidance of **Mr. MAHENDRA S B (MECHANICAL DESIGN ENGINEER)** in M/S **GEMNI ELECTRO CORPORATION.**

During the period of internship he was found inquisitive, self-motivated and hardworking. I hereby certify his work as excellent to the best of my knowledge.

Issued By:

NARAYANA PRASAD.K.V (C.E.O)

Gemni Electro Corporation

(INTERNAL GUIDE)

MAHENDRA S B  
Principal of Engineering  
Sapthagiri College of Engineering  
14/5, Chikkesandra, Heesaraghatta Main Road  
Bangalore - 560 057  
MECHANICAL DESIGN ENGINEER





# 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 . . . . AVANI . . . PUROHITH . . . . .

Ref No. . . . . 1410 /CLD /HR /2020-21 /27 /126 . . . . .

student of . . . SATHAGIRI . COLLEGE . OF . . . . .

. . . . . ENGINEERING . . . BANGALORE . . . . .

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

. . . . . OVERVIEW OF . . . NAVAL SYSTEMS . . . . .

. . . . .

in . . . . . NAVAL SYSTEM - R & FCS . . . . .

SBU/CSG of BEL, Bengaluru from . . . 12<sup>th</sup> . . . MARCH 2021

to . . . 10<sup>th</sup> APRIL 2021 . . . . .

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

Project / Internship Guide

Date : 10/4/2021

Place : Bengaluru

Principal  
Sapthagiri College of Engineering  
14/5, Chikka Basappa Nagar, Main Road  
Bengaluru - 560 013





## 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/Kmm ..... B. K. HARSHIT .....

Ref No. .... 1410 /CLD /HR /2020-21 /27 /114 .....

student of ... SATHAGIRI COLLEGE OF ENGINEERI-

..... -NG, BANGALORE .....

carried out Project Work/Internship on COMMUNICATION

..... EQUIPMENTS AND NETWORK CENTRIC .....

..... SYSTEM .....

in ... MILITARY COMMUNICATION .....

SBU/CSG of BEL, Bengaluru from 12<sup>th</sup> ... MARCH 2021.

to 10 APRIL 2021 .....

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

*Shashan*

Project / Internship Guide

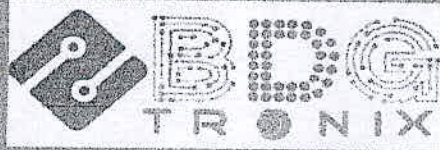
Date : 10.04.2021

Place : Bengaluru

Principal  
Sathagiri College of Engineering  
14/5, Chikkasandra, Hosareghatta Main Road  
Bengaluru - 560 057  
Need (HR/CLD)



GTIN:29DFXPM5762L1Z9



**Address**

No.33,1st cross road, Behind bhanu  
nursing home road, Bommanahalli  
Bangalore-560068  
M:9620789400  
email:bdgtronix@gmail.com  
www.bdgtronix.com

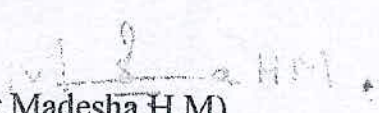
Date: 14-April-2021

## INTERNSHIP CERTIFICATE

This is to certify that **Ms.Bhumika K S (USN 1SG17EC019)** a student of BE (Electronic & communication engineering) at Sathagiri College of Engineering Bangalore, has successfully completed 4 weeks (From 12-March-2021 to 12-April-2021) of internship programme as 'Trainee embedded product development engineer' at BDGTronix. During the period of internship programme with us she was found punctual, hardworking and inquisitive.


We wish you very successful journey ahead.

Sincerely,

  
(Mr.Madesha H M)  
General Manager

**BDGTRONIX**

# 33, 2nd Floor, 1st Cross Road,  
Krishna Reddy Layout,  
Bommanahalli, Bengaluru-560 068.

  
(Mr.Adarsha J K)  
Sr. Embedded Engineer

  
Principal  
**Sathagiri College of Engineering**  
14/5, Chikkaandra, Heeraghatta Main Road  
Bengaluru - 560 057





# 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./KHHH ..... CHANDRA KUMAR . U. ....

Ref No. .... 1410 /CLD/ HR /2020-21 /27 /115 .....


student of .... SAPTHAGIRI COLLEGE OF ENGINEERING  
BENGALORE.

carried out Project Work/Internship on .....  
COMMUNICATION EQUIPMENTS AND .....  
NETWORK CENTRIC SYSTEM .....

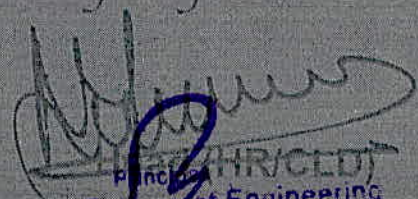
in ..... MIL.COM .....

SBU/CSG of BEL, Bengaluru from .. 10 - 03 - 2021 .....  
to .. 08 - 04 - 2021 .....

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

  
Project / Internship Guide

Date : 08-04-2021  
Place : Bengaluru

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaesandra, Hassanagutta, Main Road  
Bengaluru - 560 057



Technofly

# TechnoFly Solutions

## CERTIFICATE OF INTERNSHIP

TO WHOM IT MAY CONCERN

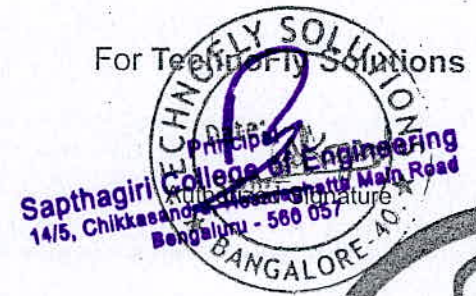
This is to certify that Darshan Bangalore a student of Sapthagiri  
College of Engineering, Bangalore, has completed 1 months/weeks of Internship  
From 09/03/2021 To 10/04/2021 in Embedded Domain.

During this period of his internship programme with us he/her was  
found punctual, hardworking and inquisitive, We wish him/her every success in life.

Date 11/04/2021  
Bangalore

Technofly Solutions, Vijayanagar, Bangalore - 40.  
Mob.: 9663476586, 9741150102 | [www.technofly.in](http://www.technofly.in)

For Technofly Solutions







# ALPHA TECHNOLOGY

#715, 1<sup>st</sup> Floor, Suhas complex, 3<sup>rd</sup> A cross, A Sector Yelahanka New Town,  
Bengaluru-560064

Mob: 9342548781, T /Ph 08042060166 Email: [alpha.jayaraman@gmail.com](mailto:alpha.jayaraman@gmail.com)

Ref-ALPHA /internship/2020-21/0019

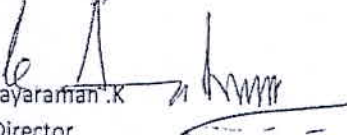
DATE : 16/04/2021

## TO WHOM IT MAY CONCERN

It is certified that **Mr. Darshan S K ( 1SG17EC024 )** 4<sup>th</sup> Year Electronics and Communication Engineering, **Sapthagiri college of engineering**. He attended internship training from 16<sup>th</sup> march 2021 to 16<sup>th</sup> April 2021 covering 30 days on going internship program from alpha technology. During the internship training he worked on **Machine Learning**. During this period he showed himself as a very good programmer, hard worker, intelligent, reliable and submissive.

We appreciate the passion and professionalism he has exhibited during the internship.

We wish him success in life.

  
Jayaraman.K  
Director

Alpha Groups  
Bangalore

Contact No: 9342548781

Email: [alpha.jayaraman@gmail.com](mailto:alpha.jayaraman@gmail.com)

ALPHA ELECTRONICS & COMM. LA.  
# 890-A Sector  
Seshadripuram College Road,  
Yelahanka New Town  
Bangalore 560 064

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



## CENTRE FOR LEARNING AND DEVELOPMENT

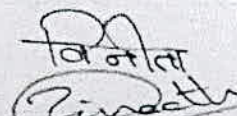
BHARAT ELECTRONICS LIMITED  
(A Govt. of India Enterprise, Ministry of Defence)  
Jalahalli Post, Bengaluru - 560 013, India


# Certificate

This is to certify that

Sri./Smt/Kum. .... DIVYASHREE. R.A. ....  
Ref No. .... 1410 /CLD/HR/2020-21/27/129 .....  
student of .... SAPTHAGIRI COLLEGE OF ENGINEERING  
..... BANGALORE .....  
carried out Project Work/Internship on .....  
..... SURFACE MOUNTING TECHNOLOGY .....  
.....  
in .... EXPORT MANUFACTURE .....  
SBU/CSG of BEL, Bengaluru from .. 10<sup>th</sup> MARCH 2021 ..  
to .... 08<sup>th</sup> APRIL 2021 ..

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

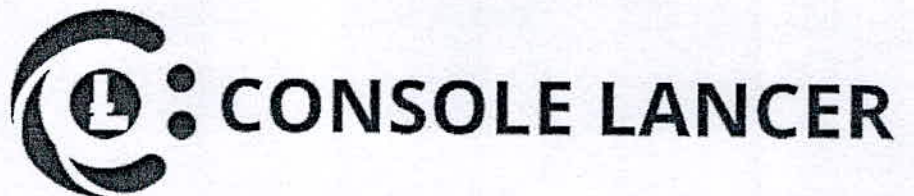
  
Project / Internship Guide  
Date : 8/4/2021  
Place : Bengaluru  
BCL 16452  
सहायक प्रबंधक मंस/कॉन्पेन एंड ईएम  
ASST. MANAGER HR/COMP & LI

  
Sapthagiri College of Engineering  
14/5, Chikkasandra Main Road  
Bengaluru - 560 057  
Head (HR/CLD)  
DEPUTY MANAGER HR/CLD  
BHARAT ELECTRONICS LIMITED



**CERTIFICATE  
OF  
COMPLETION**

CERTIFICATE CODE: 1CLN020



**INTERNSHIP  
CERTIFICATE**

5/04/2021

***EISHA SHARMA***

Has Successfully Completed the IOT(Internet of Things) Internship program with her valuable contribution

EISHA SHAMA from 1st Mar 2021 to 1st Apr 2021  
authorized by **CONSOLE LANCER LLP**

**Shubham Tandan**  
MANAGING DIRECTOR



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





ಕರುನಾಡು ಟೆಕ್ನಾಲಜೀಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್  
KARUNADU TECHNOLOGIES PRIVATE LIMITED

*Certificate  
of Completion*

INTERNSHIP PROGRAM  
ON  
Python With Machine Learning(ML)



1SG17EC030

THIS IS TO CERTIFY THAT

Ms. GANAVI D.

FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING

HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON

PYTHON WITH MACHINE LEARNING(ML)

CONDUCTED FROM 04-MAR-2021 TO 04-APR-2021 AT

KARUNADU TECHNOLOGIES PVT. LTD.

Mahesh Deginal  
MD & CEO  
Karunadu Technologies Pvt. Ltd.



Principal  
Sapthagiri College of Engineering  
Hosur Road, Hosur, Bengaluru - 560 057

Harish .N  
GUIDE  
Karunadu Technologies Pvt. Ltd.





ಕರುನಾಡು ಟೆಕ್ನಾಲಜೀಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್  
KARUNADU TECHNOLOGIES PRIVATE LIMITED

● *Certificate  
of Completion*

INTERNSHIP PROGRAM  
ON

Python With Machine Learning(ML)



1SG17EC032

THIS IS TO CERTIFY THAT

Ms.GEETHA M.

FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING

HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON


PYTHON WITH MACHINE LEARNING(ML)

CONDUCTED FROM 04-MAR-2021 TO 04-APR-2021 AT  
KARUNADU TECHNOLOGIES PVT. LTD.



Mahesh Dignai  
MD & CEO  
Karunadu Technologies Pvt. Ltd.



  
Principal  
Sapthagiri College of Engineering  
1415, Chikkasandra, Hosanghatta Main Road  
Bengaluru - 560 057  
GUIDE  
Karunadu Technologies Pvt. Ltd.



# TechnoFly Solutions

Techno fly

## CERTIFICATE OF INTERNSHIP

TO WHOM IT MAY CONCERN

This is to certify that Geethanjali M.C a student of Sapthagiri  
College of Engineering, has completed 1 months/weeks of Internship  
From 16/03/2021 To 17/04/2021 in Internet of Things (IoT) Domain.

During this period of his internship programme with us he/her was  
found punctual, hardworking and inquisitive, We wish him/her every succes in life.

Date 18/04/2021  
Bangalore

Technofly Solutions, Vijayanagar, Bangalore - 40.  
Mob.: 9663476586, 9741150102 | [www.technofly.in](http://www.technofly.in)

For TechnoFly Solutions  
Date: 18/04/2021  
Sign: [Signature]  
Authorized Signature  
Sapthagiri College of Engineering  
14/5, Chikka Sandra, Hosuraghatta Main Road  
Bangaluru - 560 057



INTERNSHIP CERTIFICATE

June 23, 2021

This is to certify that **Mr. HARISH S (USN:15G17EC034)** of 4<sup>th</sup> Year (8<sup>th</sup>-Sem) B.E in Electronics and Communication Engineering Batch 2017-21 of **SAPTHAGIRI COLLEGE OF ENGINEERING (Bangalore)** has successfully completed his Internship during April(09/04/2021)-May(09/05/2021)

The project was undertaken by him in “**Designing and Manufacturing of Customized Keyboards**” under the guidance of **Mrs.N S T Sundari (MANAGER)** in **M/S GEMNI ELECTRO CORPORATION.**

During the period of internship he was found inquisitive, self-motivated and hardworking. I hereby certify his work as excellent to the best of my knowledge.

Issued By:



NARAYANA PRASAD.K.V (C.E.O)

Gemni Electro Corporation

(INTERNAL GUIDE)



N S T SUNDARI

MANAGER

Principal

**Sapthagiri College of Engineering**  
14/5, Chikkaasandra, Hesarghatta Main Road  
Bangalore - 560 057






# CERTIFICATE OF COMPLETION of INTERNSHIP

*We present this certificate to*

**HEMANTH M R**

*In appreciation for your successful work as intern at VI Solutions, Bangalore,  
From 15th-March-2021 to 21st-April-2021*

  
Principal  
Mr. Sunil Kumar V  
Managing Director  
VI Solutions, Bangalore  
Sapthagiri College of Engineering  
Chikkasahalli, Hosur Road  
Bangalore - 560 057





# ALPHA TECHNOLOGY

#715, 1<sup>st</sup> Floor, Suhas complex, 3<sup>rd</sup> A cross, A Sector Yelahanka New Town,  
Bengaluru-560064

Mob: 9342548781, T /Ph 08042060166 Email: [alpha.jayaraman@gmail.com](mailto:alpha.jayaraman@gmail.com)

Ref-ALPHA /internship/2020-21/0017

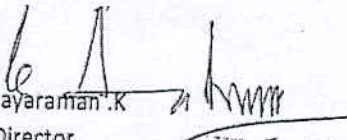
DATE : 16/04/2021

## TO WHOM IT MAY CONCERN

It is certified that **Mr. Hemanth.R ( 1SG17EC036 )** 4<sup>th</sup> Year Electronics and Communication Engineering, **Sapthagiri college of engineering** . He attended internship training from 16<sup>th</sup> march 2021 to 16<sup>th</sup> april 2021 covering 30 days on going internship program from alpha technology. During the internship training he worked on **Machine Learning**. During this period he showed himself as a very good programmer, hard worker, intelligent, reliable and submissive.

We appreciate the passion and professionalism he has exhibited during internship.

We wish him success in life.

  
Jayaraman.K  
Director

Alpha Groups  
Bangalore

Contact No: 9342548781

Email: [alpha.jayaraman@gmail.com](mailto:alpha.jayaraman@gmail.com)

ALPHA ELECTRONICS & COMM. LA.  
\* 890-A Sector  
Seshadripuram College Road,  
Yelahanka New Town  
Bangalore 560 064

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





# 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 . . . . . JAGADISH .M. . . . .

Ref No. . . . . 1410/CLD/HR/2020-21/27/135 . . . . .

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

. . . . . ENGINEERING . . . . . BANGALORE . . . . .

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

. . . . . OVERVIEW OF SC & US . . . . .

in . . . . . SC & US . . . . .

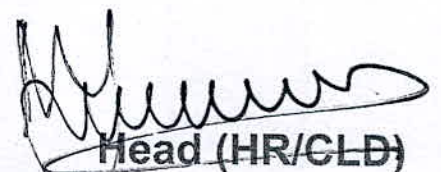
SBU/CSG of BEL, Bengaluru from 12-03-2021 . . . . .

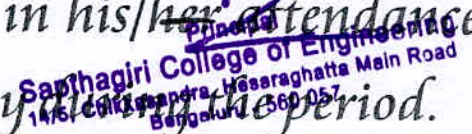
to . . . . . 10-04-2021 . . . . .

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

  
Project / Internship Guide

Date : 10/4/2021  
Place : Bengaluru

  
Head (HR/CLD)

  
Sapthagiri College of Engineering  
146, Chikkamandra, Hesaraghatta Main Road  
Bengaluru - 560 057





**भारत इलेक्ट्रॉनिक्स लिमिटेड**  
(भारत सरकार का सहाय, रक्षा मंत्रालय)  
उत्पाद विकास एवम् नवोन्मेष केंद्र  
जालहल्ली पोस्ट, बेंगलूरु-560 013, भारत  
**BHARAT ELECTRONICS LIMITED**  
(A Govt. of India Enterprise, Ministry of Defence)  
Product Development & Innovation Centre  
Jalahalli Post, Bengaluru-560 013, India.

फोन / Phone :  
फैक्स / Fax :  
ईमेल / E-mail :  
सं/No: 6050/HR/PDIC/PT-138/2020-21  
दिनांक/Date: 17.04.2021

(उत्पाद विकास ए नवोन्मेष केंद्र)  
PRODUCT DEVELOPMENT INNOVATION CENTRE

प्रमाण-पत्र - CERTIFICATE

This is to certify that Ms. Janaki S student of the Sapthagiri College of Engineering , Bangalore has undergone Internship in BEL from 19.03.2021 to 17.04.2021 and has undergone Orientation in "PDIC" (Domain in Embedded Systems).

She was regular and punctual and her conduct was satisfactory during period.

*Thimmaiah*  
SR. ASST. HR OFFICER  
(HR)/PDIC

थिमाया क मी / THIMMAIAH K M  
205140  
वरिष्ठ सहायक मानव संसाधन अधिकारी  
SR. ASST. H R OFFICER  
उत्पाद विकास केंद्र / PD & IC

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

9914 041 028 38

पंजीकृत एवं कारपोरेट आफिस : नागावारा, आउटर रिंग रोड, बेंगलूरु - 560 045, भारत  
Reg. & Corporate Office : Nagavara, Outer Ring Road, Bengaluru - 560 045, India  
सी आई एन / CIN : L32309KA1954GOI000787  
आई एस ओ / ISO 9001 and 14001 प्रमाणित कंपनी / Certified Company





# VeeVee Controls Private Limited

Integrated Management System-QMS ISO 9001:2015, EMS 14001:2015 OHSAS ISO 45001:2018

Plot No. L-3 & L-4, 9th Cross, 1st Stage, Peenya Industrial Estate, Bangalore - 560 058.

☎ : 080-28394587, 28379161, 41272030, 41272040

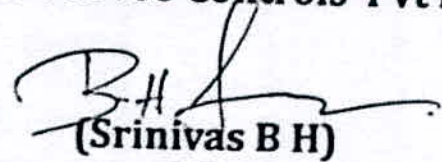
Ref: VCPL/2021-2022/61

Date : 24.06.2021

## TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Miss. Jeevitha A Studying in BE(E&C) Vide USN NO. 1SG17EC039 in Sapthagiri College of Engineering, has undergone In-plant training in our Industry from 10.03.2021 to 10.04.2021. Her Character and Conduct during her stay with us was good and she abided with rules and regulations of our Company.

For VeeVee Controls Pvt Ltd



(Srinivas B H)  
Manager - HR & Commercial





# VeeVee Controls Private Limited

Integrated Management System-QMS ISO 9001:2015, EMS 14001:2015 OHSAS ISO 45001:2018

Plot No. L-3 & L-4, 9th Cross, 1st Stage, Peenya Industrial Estate, Bangalore - 560 058.

☎ : 080-28394587, 28379161, 41272030, 41272040


Ref: VCPL/2021-2022/62

Date : 24.06.2021

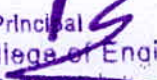
## TO WHOM SO EVER IT MAY CONCERN

This is to Certify that **Miss. Jiphil P Jose** Studying in **BE(E&C)** Vide **USN NO. 1SG17EC040** in **Sapthagiri College of Engineering**, has undergone In-plant training in our Industry from **10.03.2021 to 10.04.2021**. Her Character and Conduct during her stay with us was good and she abided with rules and regulations of our Company.

For VeeVee Controls Pvt Ltd

  
(Srinivas B H)

Manager - HR & Commercial

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Peenya Industrial Estate,  
Bangalore - 560 058



Technofly

TechnoFly Solutions

CERTIFICATE  
OF  
INTERNSHIP

TO WHOM IT MAY CONCERN

This is to certify that Kasturi Nandagaon a student of Sapthagiri  
College of Engineering, has completed 1 months/weeks of Internship  
From 16/03/2021 To 17/04/2021 in Internet of Things (IoT) Domain.

During this period of his internship programme with us he/her was  
found punctual, hardworking and inquisitive, We wish him/her every success in life.

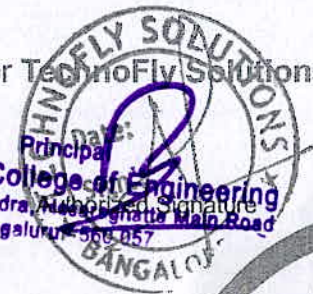
Date 18/04/2021

Bangalore

Technofly Solutions, Vijayanagar, Bangalore - 40.  
Mob.: 9663476586, 9741150102 | www.technofly.in

For Technofly Solutions

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





Ref # VIS/INT/21-22/0121

Date : 06-04-2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Keshava B R (Roll No: 1SG17EC043), an Undergraduate student of Electronics and Communications Engineering from Sapthagiri College of Engineering – Bangalore, India has successfully completed Five Weeks internship programme (From 15<sup>th</sup> March 2021 to 21<sup>st</sup> April 2021). During this period of internship programme, he was found to be punctual, hardworking and inquisitive and has worked on the NI tools given below

1. LabVIEW Application Software
2. Data Acquisition System
3. Digital Image Processing

We wish him every success in life.

For VI Solutions



Authorised Signatory

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





Skill India

कौशल भारत - कुशल भारत

## 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 . . . . . LAVANYA . . P. . . . .

Ref No. . . . . 1410 /CLD /HR / 2020-21 /27 /125 . . . . .

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

. . . . . ENGINEERING , BANGALORE . . . . .

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

. . . . . OVERVIEW OF NAVAL SYSTEM . . . . .

in . . "NAVAL SYSTEM - R & FCS" . . . . .

SBU/CSG of BEL, Bengaluru from . . 12<sup>th</sup> . . MARCH 2021 . .

to . . . . . 10<sup>th</sup> . . APRIL 2021 . .

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

Project / Internship Guide

Date : 10/4/2021

Place : Bengaluru

Head (HR/CLD)

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





# ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲ್ ನಿಗಮ ನಿಯಮಿತ

(ಸಹಭಾಗಿತ್ವದ - ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಹಾಗೂ ಕೇಂದ್ರ ಸರ್ಕಾರ ಉದ್ಯಮ)  
ನೋಂದಾಯಿತ ಕಛೇರಿ : ಬಿ.ಎಂ.ಟಿ.ಸಿ. ಕಾಂಪ್ಲೆಕ್ಸ್, 3ನೇ ಮಹಡಿ, ಕೆಂಗಲ್ ಹನುಮಂತಯ್ಯ ರಸ್ತೆ, ಶಾಂತಿನಗರ  
ಬೆಂಗಳೂರು - 560 027, ಭಾರತ

## Bangalore Metro Rail Corporation Ltd.

(A Joint Venture of Government of Karnataka & Government of India)

Regd. Office : B.M.T.C. Complex, 3rd Floor, K.H. Road, Shanthinagar,  
Bangalore - 560 027. INDIA

No: BMRCL/CE (PM&B)/Internship/Certificate/2021-22

29 June 2021

### TO WHOM-SO-EVER IT MAY CONCERN

\*\*\*\*

This is to certify that Mr. LOHITH. D T (ISG17EC047) student studying in 4<sup>th</sup> Year B. E, (Electronics and Communication Engineering) of Sapthagiri College of Engineering, Bangalore has completed his Internship Training Programme in Bangalore Metro Rail Corporation Ltd., (BMRCL) from 26.03.2021 to 26.04.2021 under the guidance of is Smt. B. Shilpa Latha, Junior Engineer (Telecom) BMRCL.

We wish him a successful career and bright future ahead.

 29/6/21

(M. Srinivas)  
Chief Engineer (PM&B)

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





INTERNSHIP CERTIFICATE

June 23, 2021

This is to certify that **Mr. LOKESH S (USN:1SG17EC048)** of 4<sup>th</sup> Year (8<sup>th</sup>-Sem) B.E in Electronics and Communication Engineering Batch 2017-21 of SAPTHAGIRI COLLEGE OF ENGINEERING (Bangalore) has successfully completed his Internship during April(09/04/2021)-May(09/05/2021)

The project was undertaken by him in "Designing and Manufacturing of Endoscope" under the guidance of **Mr. MAHENDRA S B (MECHANICAL DESIGN ENGINEER)** in M/S **GEMNI ELECTRO CORPORATION.**

During the period of internship he was found inquisitive, self-motivated and hardworking. I hereby certify his work as excellent to the best of my knowledge.

Issued By:

NARAYANA PRASAD.K.V (C.E.O)



Gemni Electro Corporation

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

MECHANICAL DESIGN ENGINEER





ಕರುನಾಡು ಟೆಕ್ನಾಲಜೀಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್  
KARUNADU TECHNOLOGIES PRIVATE LIMITED

*Certificate  
of Completion*

INTERNSHIP PROGRAM  
ON  
Python With Machine Learning(ML)



1SG17EC049

THIS IS TO CERTIFY THAT

Ms.MALLIKA R BABU .

FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING

HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON

PYTHON WITH MACHINE LEARNING(ML)

CONDUCTED FROM 04-MAR-2021 TO 04-APR-2021 AT

KARUNADU TECHNOLOGIES PVT. LTD.

Mahesh Deginal  
MD & CEO

Karunadu Technologies Pvt. Ltd.



Sapthagiri College of Engineering  
16/5, Chikkasandra, Hosur Road  
Bengaluru - 560 057

Principal  
Dr. Harish N

Harish .N  
GUIDE

Karunadu Technologies Pvt. Ltd.



# Certificate Of Internship

We present this certificate to

**MANJUNATH R**

in recognition of his/her hard work and dedication as an intern at "**Elecsis Infotech**" in

**Embedded System with IOT**

The internship was conducted between 8th March 2021 to 9th April. 2021

Congratulations & best wishes for his/her future endeavors.

  
9/04/2021  
Technical Head

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 067  
9/4/21

Director





**ELECSIS  
INFOTECH**  
FOR INGENIOUS MINDS

# Certificate Of Internship

We present this certificate to

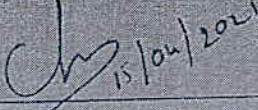
**MANOJ KUMAR N**

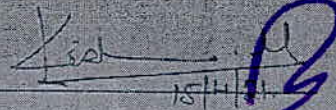
in recognition of his/her hard work and dedication as an intern at "Elecsis Infotech" in

**Embedded system with IoT**

The internship was conducted between 15th March 2021 to 15th April, 2021

Congratulations & best wishes for his/her future endeavors.

  
15/04/2021  
Technical Head

  
15/4/21  
Director Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesareghatta Main Road  
Bengaluru - 560 057





# CENTRE FOR LEARNING AND DEVELOPMENT

BHARAT ELECTRONICS LIMITED

(A Govt. of India Enterprise, Ministry of Defence)

Jalaballi Post, Bengaluru - 560 013, India

## Certificate

*This is to certify that*

Sri./Smt./Kum. .... MAYUR. R. ....

Ref No. .... 1410 / CLD / HR / 2020-21 / 27 / 116 ....

student of .... SAPTHAGIRI COLLEGE OF ENGINEERING.

BENGALURU

carried out Project Work/Internship on ....

COMMUNICATION EQUIPMENT AND NETWORK

CENTRIC SYSTEM.

in .... MIL.COM. ....

SBU/CSG of BEL, Bengaluru from 10-03-2021 ....

to 08-04-2021 ....

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

Project / Internship Guide

Date : 08-04-2021

Place : Bengaluru

Sapthagiri College of Engineering  
1415, Chikkasandra, Mysore Road, Main Road,  
Bengaluru - 560 057  
Head (HR/CLD)





# CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**N SHUSHANTH**

*has successfully completed Remote Internship*

*for 125 hours in project titled*

**TEMPERATURE CONTROLLERS**

*by HCIS from 9 March 2021 to 10 April 2021*

**HEAT CONTROL INTERNSHIPS**

Academic Credits with industry Mentors

Cert. ID.: 230-7887317-1016

Dated: 10th April 2021



*G. Narayanan*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosurghatta Main Road  
Bengaluru - 560 057

**G. Narayanan**

The Proprietor

Heat Control Instruments & Services





## 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 . . . . . NAINISHA . . . K. KUMAR . . . . .

Ref No. . . . . 1410 / CLD / HR / 2020-21 / 27 / 133 . . . . .

student of . . . . . SATHAGIRI COLLEGE OF ENGINEERING  
BANGALORE.

carried out Project Work/Internship on . . . . .  
OVERVIEW OF "SC & US"

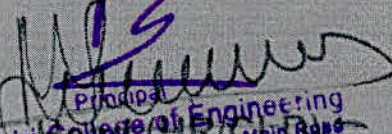
in . . . . . "SC & US" . . . . .

SBU/CSG of BEL, Bengaluru from . . . . . 09 MARCH 2021 . . . . .  
to . . . . . 07 APRIL 2021 . . . . .

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

  
Project / Internship Guide  
BECHHA LAKSHMY. B  
BC E 208627  
SBU/CSG of BEL, Bengaluru  
SC & US

Date : 07 April 2021  
Place : Bengaluru

  
Principal  
Sathagiri College of Engineering  
14/5, Chikkasweta, Hosur Road, Bengaluru - 560 057





# Certificate Of Internship

We present this certificate to

**NANDINI S**

in recognition of his/her hard work and dedication as an intern at "Elecsis Infotech" in

**Embedded system with IoT**

The internship was conducted between 15th March 2021 to 15th April, 2021

Congratulations & best wishes for his/her future endeavors.

  
15/4/21

Technical Head

  
15/4/21

Director

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



# 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 . . . NAYNEET. SINGH . . . . .*

*Ref No. . . . 1410 / CLD / HR / 2020-21 / 27 / 136 . . . . .*

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

*. . . . . ENGINEERING . . . BANGALORE . . . . .*

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

*. . . . . OVERVIEW OF "SC & US" . . . . .*

*in . . . . . S. C. & U. S. . . . .*

*SBU/CSG of BEL, Bengaluru from . . . 12-.03-.2021 . . . . .*

*to . . . 10-.04-.2021 . . . . .*

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

*U. Narasimha Murthy*  
Project / Internship Guide

Date : 10/04/2021  
Place : Bengaluru

*[Signature]*  
Head (HR/CLD)  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hebbaghatta Main Road  
Bengaluru - 560 087





ಕರುನಾಡು ಟೆಕ್ನಾಲಜಿಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್  
KARUNADU TECHNOLOGIES PRIVATE LIMITED

*Certificate  
of Completion*

INTERNSHIP PROGRAM  
ON  
Python With Machine Learning(ML)



1SG17EC058



THIS IS TO CERTIFY THAT  
Ms.NETHRAVATHI K G.

FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING  
HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON  
PYTHON WITH MACHINE LEARNING(ML)

CONDUCTED FROM 04-MAR-2021 TO 04-APR-2021 AT  
KARUNADU TECHNOLOGIES PVT. LTD.

Principal  
Sapthagiri College of Engineering  
11/5, Shikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057

Mahesh Deginal  
MD & CEO  
Karunadu Technologies Pvt. Ltd.



Harish .N  
GUIDE  
Karunadu Technologies Pvt. Ltd.



## 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./KHHH..... NITIN..B.S.....

Ref No. .... 1410/CLD/HR/2020-21/27/134 .....

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

..... BANGALORE .....

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

..... OVER VIEW OF "SC & US" .....

in ... "SC & US" .....


SBU/CSG of BEL, Bengaluru from ... 09 MARCH 2021 ...

to ... 07 APRIL 2021 .....

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

  
Project / Internship Officer

Date : 07<sup>th</sup> April 2021  
Place : Bengaluru

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikka Katta, Hosaregatta Main Road  
Bengaluru - 560 057  
Head (HR/CLD)





# VeeVee Controls Private Limited

Integrated Management System-QMS ISO 9001:2015, EMS 14001:2015 OHSAS ISO 45001:2018

Plot No. L-3 & L-4, 9th Cross, 1st Stage, Peenya Industrial Estate, Bangalore - 560 058.

☎ : 080-28394587, 28379161, 41272030, 41272040

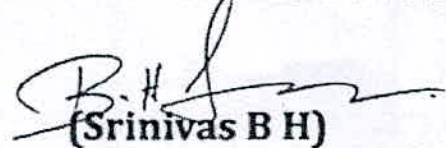
Ref: VCPL/2021-2022/63

Date : 24.06.2021

## TO WHOM SO EVER IT MAY CONCERN

This is to Certify that **Miss. Pavithra V** Studying in **BE(E&C)** Vide USN NO. **1SG17EC062** in **Sapthagiri College of Engineering**, has undergone In-plant training in our Industry from **10.03.2021 to 10.04.2021**. Her Character and Conduct during her stay with us was good and she abided with rules and regulations of our Company.

For VeeVee Controls Pvt Ltd



Manager - HR & Commercial



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





ಕರುನಾಡು ಟೆಕ್ನಾಲಜಿಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್  
KARUNADU TECHNOLOGIES PRIVATE LIMITED

*Certificate  
of Completion*

INTERNSHIP PROGRAM  
ON  
Python With Machine Learning(ML)



1SG18EC403

THIS IS TO CERTIFY THAT

Ms. DEEPA B PATIL.

FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING

HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON

PYTHON WITH MACHINE LEARNING(ML)


CONDUCTED FROM 10-MAR-2021 TO 10-APR-2021

KARUNADU TECHNOLOGIES PVT. LTD.



Mahesh Deginal  
MD & CEO  
Karunadu Technologies Pvt. Ltd.



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



Harish N  
GUIDE  
Karunadu Technologies Pvt. Ltd.



# INTEKS

MUDDANNA COMPLEX  
MAGADI MAIN ROAD  
SUNKADAKATTE  
BENGALURU 560 091

DATE: 18-05-2021  
GSTN: 29AKIPA1180F1ZH  
PHONE: 080 23584151/29770482  
email: [inteks091@gmail.com](mailto:inteks091@gmail.com)

## CERTIFICATE

THIS IS TO CERTIFY THAT Miss **DIVYA.K.** HAS UNDERGONE INTERNSHIP TRAINING IN OUR ORGANIZATION AS PART OF HER GRADUATION CURRICULUM DETAILS OF WHICH ARE AS UNDER:

NAME OF THE STUDENT : Miss. DIVYA.K

NATURE OF TRAINING: : 1. STUDY AND ANALYSIS OF ELECTRONIC CIRCUITS  
2. CO-ORDINATION IN PCB LAYOUT PREPARATION AND APPROVAL.  
3. PCB TESTING AND FAULT ANALYSIS.


PERIOD OF APPRENTICESHIP: 10-03-2021 TO 10-04-2021.

for INTEKS

SHRIKANTH AITHALA  
PROPREITOR

PLACE: BENGALURU

DATE: 18.05.2021

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



Ref# VIS/INT/21-22/0119

Date : 06-04-2021

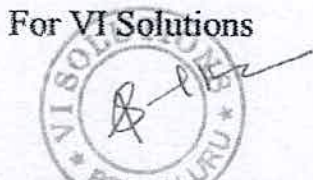
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Hanumantha N (Roll No: 1SG18EC407), an Undergraduate student of Electronics and Communications Engineering from Sapthagiri College of Engineering – Bangalore, India has successfully completed Five Weeks internship programme (From 15<sup>th</sup> March 2021 to 21<sup>st</sup> April 2021). During this period of internship programme, he was found to be punctual, hardworking and inquisitive and has worked on the NI tools given below

1. LabVIEW Application Software
2. Data Acquisition System
3. Industrial IoT (IIoT)

We wish him every success in life.

For VI Solutions



Authorised Signatory



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





ಕರುನಾಡು ಟೆಕ್ನಾಲಜೀಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್  
KARUNADU TECHNOLOGIES PRIVATE LIMITED

● *Certificate*

*of Completion*

INTERNSHIP PROGRAM  
ON

Python With Machine Learning(ML)



1SG18EC408

THIS IS TO CERTIFY THAT

Ms.INCHARA K C .

FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING

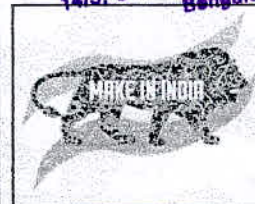
HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON

PYTHON WITH MACHINE LEARNING(ML)

CONDUCTED FROM 10-MAR-2021 TO 10-APR-2021 AT  
KARUNADU TECHNOLOGIES Pvt. Ltd.

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

Mahesh Deginal  
MD & CEO  
Karunadu Technologies Pvt. Ltd.



Harish .N  
GUIDE  
Karunadu Technologies Pvt. Ltd.





**L&T Electrical & Automation**  
Products

**Correspondence Address**  
Metering & Protection Systems,  
KIADB Industrial Area,  
Hebbal - Hootagalli,  
Mysore - 570018  
Tel.: +91 821 2402561  
Fax: +91 821 2402172  
www.Lntebg.com

E&A/MYS/INTERN/2021/03

April 01, 2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Raksha N K**, a student of **Sapthagiri College of Engineering**, has completed Internship project on "**Wireless Power Transfer**" in our organization from **01.03.2021** to **31.03.2021**.

The internship was guided by **Mr. Sujit V**, Manager- Manufacturing Engineering

During this period **Ms. Raksha N K** has shown keen interest in the assignment and completed the Internship successfully.

We wish her success in all her future endeavors.

**For L&T Electrical & Automation unit of SEIPL**

**RAHUL NAYAK**  
**MANAGER - HR & PERSONNEL**

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





## **CERTIFICATE OF INTERNSHIP**

This is to certify that Mr. Chandan H C (1SG17EC021) a student of Electronics and Communication Engineering, Sapthagiri College Of Engineering, Bangalore has successfully completed internship programme at Avika Technologies from 22nd March- 2021 to 17th April- 2021.

During his internship, he was assigned to work on assembling and testing of UPS.

During the period of his internship program with us he was found punctual, hardworking and inquisitive.

PRAKASH KS

Quality is our habit

HR, Avika Technologies

Authorized Signature



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

Regd. Off. : #5, Ground Floor, 4<sup>th</sup> main, Chandana Layout, Sri Gandhadakaval, Sunkadakatte,  
Bangalore -560091, Phone :9845222507 /8197022877 Email : avikatechnologies@gmail.com

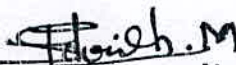


Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **PRAJWAL R USN (1SG17EC064)** the student of 8<sup>th</sup> Semester **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation - PLC - Online - Offline Comparator & SCADA - Screen Navigation** at **KGTI (Karnataka German Technical Training Institute), Bengaluru** from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

His association with us was very fruitful & we wish him all the best for his future endeavours.

  
Course Co-ordinator



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

EXCELLENCE THROUGH SKILLS

**KGTI.COM**



भारत सरकार  
अन्तरिक्ष विभाग  
विद्युत - प्रकाशिकी तंत्र प्रयोगशाला (लियोस)  
पहला क्रॉस, पहला स्टेज, पीण्या औद्योगिक एस्टेट  
बेंगलूर - 560 058. भारत  
दूरभाष : +91-80-28396470, 28371286-87  
फैक्स : +91-80-28392304



Government of India  
Department of Space  
Laboratory For Electro-optics Systems (LEOS)  
1st Stage, 1st Cross, Peenya Industrial Estate,  
Bangalore - 560 058. India  
Telephone : +91-80-28396470, 28371286-87  
Fax : +91-80-28392304

## CERTIFICATE

This is to certify that the internship report entitled, "Analysis for Digital Implementation of Timing Discriminator" submitted by Ms. PRATHIKA V M (USN-1SG17EC066) to Sapthagiri College of Engineering, Bangalore, as part of 8<sup>th</sup> Semester internship for the degree of B. Tech in Electronics and Communication is as bona fide record of project work carried out by her under our supervision at Laboratory for Electro-Optics Systems (LEOS-ISRO), Bangalore during 10<sup>th</sup> March 2021 to 10<sup>th</sup> April 2021. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.

*Kshitiz Sinha*  
14/04/2021  
**KSHITIZ SINHA**  
Internship Guide  
Sci/Engg-SD, LSCD  
LEOS-ISRO

*Shri Umesh S B*  
**Shri UMESH S B**  
Group Head  
ILSG/PSA  
LEOS, ISRO

उमेश एस. बी / Umesh S. B  
समूह प्रमुख, एल. एस. सिस्टम. जी. / Group Head, LSG  
लियोस - इसरो / LEOS - ISRO  
अंतरिक्ष विभाग, भारत सरकार / Dept. of Space, Govt. of India  
पीण्या, बेंगलूरु / Peenya, Bengaluru - 560 058

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



**Corporate Office :**

'BEML SOUDHA',  
23/1, 4th Main Road, S. R. Nagar,  
Bangalore - 560 027. INDIA  
Tel : 080 - 2222 4141  
e-mail : office@pr.beml.co.in

**Manufacturing Units :**

**KGF Complex**  
Tel : 08153-263020  
e-mail : bemlede@vsnl.net.in

**Mysore Complex**  
Tel : 0821-2402422  
e-mail : bemlmys@sanchamnet.in

**Palakkad Complex**  
Tel : 0491-2568055  
e-mail : beml.gmpalakkad@gmail.com

**International Business Division**  
Tel : +91-80-2222 2730, 2223 3350  
e-mail : office@export.beml.co.in

**Technology Division**  
Tel : +91-80-2296 3100-109  
e-mail : office@ctd.beml.co.in

**Trading Division**  
Tel : +91-80-22963113  
e-mail : office@trading.beml.co.in

**Regional Offices :**

**Bilaspur**  
Tel : 07752-252082  
e-mail : bilaspur@rm.beml.co.in

**Chennai**  
Tel : 044-28270792  
e-mail : chennai@rm.beml.co.in

**Dhanbad**  
Tel : 0326-2205750  
e-mail : dhanbad@rm.beml.co.in

**Hyderabad**  
Tel : 040-23227032  
e-mail : hyderabad@rm.beml.co.in

**Kolkata**  
Tel : 033-22826314  
e-mail : kolkata@rm.beml.co.in

**Mumbai**  
Tel : 022-22049490  
e-mail : mumbai@rm.beml.co.in

**Nagpur**  
Tel : 0712-2248435  
e-mail : nagpur@rm.beml.co.in

**New Delhi**  
Tel : 011-23316500  
e-mail : delhi@rm.beml.co.in

**Ranchi**  
Tel : 0651-2560370  
e-mail : ranchi@rm.beml.co.in

**Sambalpur**  
Tel : 0663-2521604  
e-mail : sambalpur@rm.beml.co.in

**Singrauli**  
Tel : 07805-268260  
e-mail : singrauli@rm.beml.co.in

RKT/08/2021/304(d)

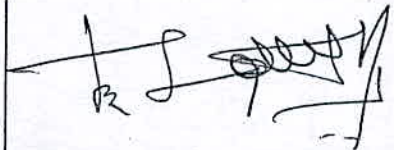
15.04.2021

**CERTIFICATE**

This is to certify that Ms. PRIYANKA G (1SG17EC067),  
B.E (E&C) student of SAPTHAGIRI COLLEGE OF  
ENGINEERING, BENGALURU has successfully completed  
her "INTERNSHIP TRAINING" from 12.03.2021 to  
15.04.2021 as a part of her curriculum.

During her stay with us, she has evinced keen interest in her  
"INTERNSHIP" and her conduct and character were  
"GOOD". We wish her bright success for her future  
endeavours.

For BEML LIMITED,



(H B LINGA REDDY)  
AGM - TRAINING



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





**KANEKTIFY**  
ACADEMY

# CERTIFICATE OF COMPLETION

This certificate is presented to

**PRIYANKA R**

For successfully completing 4 weeks of internship in

**INTERNET OF THINGS (IOT)**

Date: 26<sup>th</sup> Aug – 25<sup>th</sup> Sep 2020

Cert. Id: K0017-0016

**(Roopashree Elluru, Director)**

Authorized Signatory

KANEKTIFY ACADEMY (<http://www.kanektify.com>) is a division of **NEOVEGAM TECHNOLOGIES PVT. LTD.**

Training in: **IoT , AI / ML, BLOCKCHAIN, ROBOTICS, PYTHON, FULL STACK & Related Technologies**

**Sapthagiri College of Engineering**  
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Bengaluru - 560 057





केन्द्रीय विनिर्माणकारी प्रौद्योगिकी संस्थान  
**CENTRAL MANUFACTURING  
TECHNOLOGY INSTITUTE**



(An autonomous R&D Institute Under Department of Heavy Industry,  
Ministry of Heavy Industries and Public Enterprises, Govt. of India)

Ref. No. AEAMT/TRG/ 2021-22/intern/16

Date: 09<sup>th</sup> April 2021

**CERTIFICATE**

This is to certify that Ms. Rakshitha Raju R (ISG17EC071) student of B.E. in Electronics and Communication Engineering from Sapthagiri College of Engineering, Bengaluru has successfully completed her Internship in this Institute during the period from 10<sup>th</sup> March 2021 - 09<sup>th</sup> April 2021. Her Internship was in the area of "Design and Development of Signal Conditioning Circuit for a Microphone".

During the period of her internship training with us, she was found to be sincere and hardworking. We wish her every success in her life and career.

For Central Manufacturing Technology Institute

(V A P Sarma)  
Centre Head

Academy of Excellence for Advanced  
Manufacturing Technology

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

Registered Office : Tumkur Road, Bengaluru - 560022, Karnataka, India

Tel : 91-80-22188373, Fax: 91-80-23370428, E-mail: cmti@nic.in, Website: www.cmti-india.net

Regional Centre : CMTI, NSIC Campus, Aji Industrial Area, Bhavanagar Road, Rajkot-360 003, Gujarat, Telefax : 0281-2384128

*"Manufacturing the uniquely, ubiquitous and perpetual human endeavour to advance overall quality of life"*





SOFTWARE TESTING TRAINING INSTITUTE  
A Unit of Test Yantra Software Solutions India Pvt Ltd

CIN NO : U72200KA2007PTC044701

www.qspiders.com

## CERTIFICATE OF COMPLETION

This is to certify that Ms. Ranjeeta Das, final year B.E. student (USN 1SG17EC72) from Sapthagiri College of Engineering, has completed internship successfully to work on live projects at QSpiders (A Unit of Test Yantra Software Solutions India Pvt. Ltd.), Bengaluru for 2 months starting from 10th March 2021.

Duration- *10<sup>th</sup> March, 2021 to 10<sup>th</sup> May, 2021*  
Project Guide Name – *Mr. Pradeep H H*

From QSPIDERS  
(A Unit of Test Yantra Software Solutions (I) Pvt. Ltd.)



Suresha Babu S,  
Senior Executive HR

Corporate Office No. 1, 3rd Cross Basappa Layout, Gayipuram Extn, Kempegowda Nagar, Bengaluru, - 560019 Karnataka

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



## 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 . . . . . RIYA ESTHER . . . . .

RefNo. . . . . 1410 /CLD /HR/ 2020-21 /27 /090 . . . . .

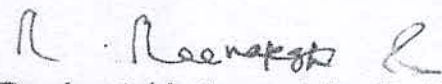
student of . . . . . SAPTHAGIRI COLLEGE OF ENGINEERING . . . . .  
BANGALORE.

carried out Project Work/Internship on . . . . .  
OVERVIEW OF NAVAL SYSTEM . . . . .

in . . . . . NAVAL SYSTEM [S&CS] . . . . .

SBU/CSG of BEL, Bengaluru from . . . . . 10 MARCH 2021 . . . . .  
to . . . . . 08 APRIL 2021 . . . . .

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

  
Project / Internship Guide

Date : 8/4/2021

Place : Bengaluru

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosangudi Main Road  
Bengaluru - 560 057  
(HR/CLD)





## 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 . . . . RUCHITA . . R. SHAH . . . . .

Ref No. . . . . 1410/CLD/HR/2020-21/27/089. . . . .

student of . . . SATHAGIRI . . COLLEGE OF . . ENGINEERING.  
BANGALORE .

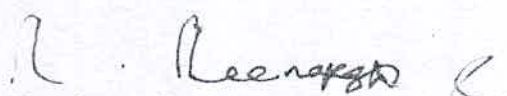
carried out Project Work/Internship on . . . . .  
OVERVIEW OF . . NAVAL SYSTEMS . . . . .

(S&CS)

in . . . . NAVAL SYSTEM-[S&CS] . . . . .

SBU/CSG of BEL, Bengaluru from . 10 . March . 2021 . . .  
to . 08 . April . 2021 . . .

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

  
Project / Internship Guide

Date : 8/4/2021

Place : Bengaluru

  
Sathagiri College of Engineering  
14/5, Shikhesandra, Basaraghatta Main Road  
Bengaluru - 560 067



Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **SACHIN G D USN (1SG17EC076)** the student of 8<sup>th</sup> Semester B.E. Electronics & Communication Engineering from Sapthagiri College of Engineering, Bengaluru underwent the Internship Training Program on Industrial Automation - PLC - Vat Table (IO Configuration) & SCADA - Standard Objects at KGTTI (Karnataka German Technical Training Institute), Bengaluru from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

His association with us was very fruitful & we wish him all the best for his future endeavours.

  
Course Co-ordinator



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkaesandra, Hesanghatta Main Road  
Bengaluru - 560012

EXCELLENCE THROUGH SKILLS

KGTTI.COM





ಕರುನಾಡು ಟೆಕ್ನಾಲಜೀಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್

KARUNADU TECHNOLOGIES PRIVATE LIMITED

*Certificate  
of Completion*

INTERNSHIP PROGRAM  
ON  
Robotics And It's Application



1SG17EC078

THIS IS TO CERTIFY THAT

MR. SAGAR S.

FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING

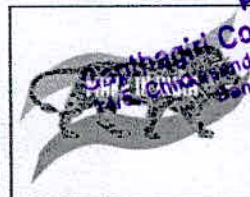
HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON

ROBOTICS AND IT'S APPLICATION

CONDUCTED FROM 15-MAR-2021 TO 15-APR-2021 AT

KARUNADU TECHNOLOGIES PVT. LTD.

Mahesh Deginal  
MD & CEO  
Karunadu Technologies Pvt. Ltd.



Principal  
Sapthagiri College of Engineering  
Chennarayana, Hasaraghatta Main Road  
Chennarayana - 560 047

Harish .N  
GUIDE  
Karunadu Technologies Pvt. Ltd.




Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **SAMATA GAJANAN MUNAGEKAR** USN (1SG17EC080) the student of 8<sup>th</sup> Semester **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation – PLC – Integer Function & SCADA – Tag Creation** at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

Her association with us was very fruitful & we wish her all the best for her future endeavours.

  
Course Co-ordinator



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

EXCELLENCE THROUGH SKILLS

KGTTI.COM

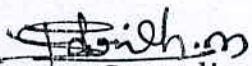


Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **SAMPRITHA H S USN (1SG17EC081)** the student of 8<sup>th</sup> Semester **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation - PLC - Counter & SCADA - Tag Logging** at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from **4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021**.

Her association with us was very fruitful & we wish her all the best for her future endeavours.

  
Course Co-ordinator



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

EXCELLENCE THROUGH SKILLS

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**TECHNOLOGICS**

*Diverse Technology | Seamless Integrity*

# Internship Certificate

*This certificate is proudly presented to*

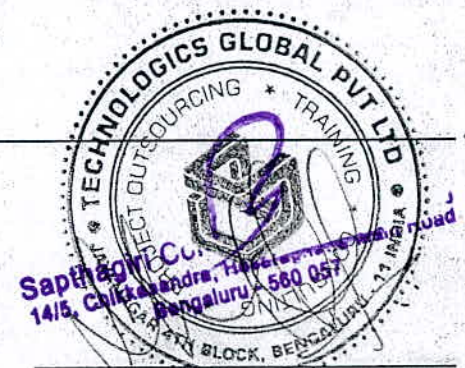
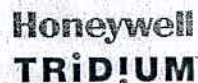
Santrupti P

*for successful completion of Internship in* Machine Learning

*under the guidance of* **TECHNOLOGICS GLOBAL PVT. LTD.**

*Conducted between* March 10 *to* April 10 ,

*for the student of* Sapthagiri College of Engineering



Signature of Authority

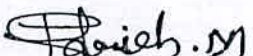


Date: 06-04-2021

**To Whom So Ever It May Concern**


This is to Certify that **SHALINI H USN (1SG17EC084)** the student of 8<sup>th</sup> Semester **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation - PLC - Comparator & SCADA - User Archive** at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

Her association with us was very fruitful & we wish her all the best for her future endeavours.

  
Course Co-ordinator



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

  
Director

EXCELLENCE THROUGH SKILLS

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केन्द्रीय विनिर्माणकारी प्रौद्योगिकी संस्थान  
**CENTRAL MANUFACTURING  
TECHNOLOGY INSTITUTE**



(An autonomous R&D Institute Under Department of Heavy Industry,  
Ministry of Heavy Industries and Public Enterprises, Govt. of India)

Ref. No. AEAMT/TRG/ 2021-22/intern/17

Date: 09<sup>th</sup> April 2021

**CERTIFICATE**

This is to certify that Ms. Shirin M Thomas (ISG17EC085) student of B.E. in Electronics and Communication Engineering from Sapthagiri College of Engineering, Bengaluru has successfully completed her Internship in this Institute during the period from 10<sup>th</sup> March 2021 - 09<sup>th</sup> April 2021. Her Internship was in the area of "Application Software for Vision Inspection of Peeling Traces".

During the period of her internship training with us, she was found to be sincere and hardworking. We wish her every success in her life and career.

For Central Manufacturing Technology Institute

(A P Sarma)  
Centre Head

Academy of Excellence for Advanced  
Manufacturing Technology

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

Registered Office : Tumkur Road, Bengaluru - 560022, Karnataka, India  
Tel.: 91-80-22188373, Fax: 91-80-23370428, E-mail: cmti@nic.in, Website: www.cmti-india.net

Regional Centre : CMTI, NSIC Campus, Aji Industrial Area, Bhavanagar Road, Rajkot-360 003, Gujarat, Telefax : 0281-2384128

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**Manufacturing Units :**

**KGF Complex**  
Tel : 08153-263020  
e-mail : bemlede@vsnl.net.in

**Mysore Complex**  
Tel : 0821-2402422  
e-mail : bemlmys@sanchamnet.in

**Palakkad Complex**  
Tel: 0491-2568055  
e-mail: beml.gmpalakkad@gmail.com

**International Business Division**  
+91-80-2222 2730, 2223 3350  
e-mail : office@export.beml.co.in

**Technology Division**  
Tel : +91-80-2296 3100-109  
e-mail : office@ctd.beml.co.in

**Trading Division**  
Tel : +91-80-22963113  
e-mail : office@trading.beml.co.in

**Regional Offices :**

**Bilaspur**  
Tel : 07752-252082  
e-mail : bilaspur@rm.beml.co.in

**Chennai**  
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e-mail : chennai@rm.beml.co.in

**Dhanbad**  
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e-mail: dhanbad@rm.beml.co.in

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e-mail: hyderabad@rm.beml.co.in

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e-mail : kolkata@rm.beml.co.in

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**New Delhi**  
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e-mail : delhi@rm.beml.co.in

**Ranchi**  
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e-mail : ranchi@rm.beml.co.in

**Sambalpur**  
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e-mail : sambalpur@rm.beml.co.in

**Singrauli**  
Tel : 07805-268260  
e-mail : singrauli@rm.beml.co.in

RKT/08/2021 / 304(C)

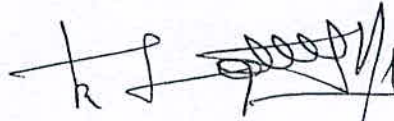
15.04.2021

**CERTIFICATE**

This is to certify that Ms. SHRADDHA S GOWDA (1SG17EC086), B.E (E&C) student of SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU has successfully completed her "INTERNSHIP TRAINING" from 12.03.2021 to 15.04.2021 as a part of her curriculum.

During her stay with us, she has evinced keen interest in her "INTERNSHIP" and her conduct and character were "GOOD". We wish her bright success for her future endeavours.

For BEML LIMITED,



(H B LINGA REDDY)  
AGM - TRAINING



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



Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **SHREEVIDYA USN (1SG17EC087)** the student of 8<sup>th</sup> Semester **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation - PLC - Bit Logic & SCADA - Alarm Logging** at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from **4<sup>th</sup> Mar 2021** to **6<sup>th</sup> Apr 2021**.

Her association with us was very fruitful & we wish her all the best for her future endeavours.

  
Course Co-ordinator



  
**Sapthagiri College of Engineering**  
14/5, Chikka Sandra, Manjunatha Nagar, Bengaluru - 560073  
Principal  
  
Director

EXCELLENCE THROUGH SKILLS

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KARUNADU TECHNOLOGIES PRIVATE LIMITED

*Certificate  
of Completion*

INTERNSHIP PROGRAM  
ON  
Robotics And It's Application



1SG17EC088

THIS IS TO CERTIFY THAT

MR. SHREYAS S.

FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING

HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON

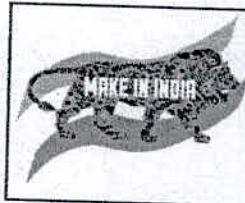
ROBOTICS AND IT'S APPLICATION

CONDUCTED FROM 15-MAR-2021 TO 15-APR-2021 AT

KARUNADU TECHNOLOGIES PVT. LTD.

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14/5, Chikkasandra, Heesarghatta Main Road  
Bengaluru - 560 057

Mahesh Deginal  
MD & CEO  
Karunadu Technologies Pvt. Ltd.



Harish .N  
GUIDE  
Karunadu Technologies Pvt. Ltd.

E-mail : karunadutechnologies@gmail.com

www.karunadutechnologies.com





Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **SINDHUSHREE G P** USN (1SG17EC089) the student of 8<sup>th</sup> Semester B.E. Electronics & Communication Engineering from **Sapthagiri College of Engineering, Bengaluru** underwent the Internship Training Program on Industrial Automation - PLC - Timers & SCADA - Style Palette at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

Her association with us was very fruitful & we wish her all the best for her future endeavours.

  
Course Co-ordinator



  
Principal  
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Director

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## CERTIFICATE OF INTERNSHIP

TO WHOM IT MAY CONCERN

This is to certify that Sneha.V a student of Sapthagiri

college of engineering, has completed 1 months/weeks of Internship

From 09/03/2021 To 09/04/2021 in Machine Learning Domain.

During this period of his internship programme with us he/her was found punctual, hardworking and inquisitive, We wish him/her every success in life.

Date 10/04/2021

Bangalore

Technofly Solutions, Vijayanagar, Bangalore - 40.  
Mob.: 9663476586, 9741150102 | www.technofly.in



For TechnoFly Solutions  
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Mysore - 570018  
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E&A/MYS/INTERN/2021/06

April 09, 2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Sonica M Naik**, a student of **Sapthagiri College of Engineering**, has completed Internship project on "**Electromagnetic Power Transfer**" in our organization from **01.03.2021 to 31.03.2021**.

The internship was guided by **Mr. Sujith V, Manufacturing Engineering**.

During this period **Ms. Sonica M Naik** has shown keen interest in the assignment and completed the Internship successfully.

We wish her success in all her future endeavors.

**For L&T Electrical & Automation unit of SEIPL**

**RAHUL NAYAK**  
**MANAGER - HR & PERSONNEL**

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





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TECHNOLOGY INSTITUTE



(An autonomous R&D Institute Under Department of Heavy Industry,  
Ministry of Heavy Industries and Public Enterprises, Govt. of India)

Ref. No. AEAMT/TRG/ 2021-22/intern/15

Date: 09<sup>th</sup> April 2021

### CERTIFICATE

This is to certify that Ms. Sophia A (ISG17EC092) student of B.E. in Electronics and Communication Engineering from Sapthagiri College of Engineering, Bengaluru has successfully completed her Internship in this Institute during the period from 10<sup>th</sup> March 2021 - 09<sup>th</sup> April 2021. Her Internship was in the area of "Design and Development of Signal Conditioning Circuit for an Oxygen Sensor and Its Interfacing with Arduino".

During the period of her internship training with us, she was found to be sincere and hardworking. We wish her every success in her life and career.

For Central Manufacturing Technology Institute

A P Sarma  
Centre Head

Academy of Excellence for Advanced  
Manufacturing Technology

Principal  
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Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **SUMAN KUMAR S** USN (15G17EC094) the student of 8<sup>th</sup> Semester **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation - PLC - Trouble Shooting & SCADA - Graphics Designer** at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

His association with us was very fruitful & we wish him all the best for his future endeavours.

  
Course Co-ordinator



  
Principal  
**Sapthagiri College of Engineering:**  
14/5, Chikkasandra, Heasraghatta Main Road  
Bengaluru - 560 067  
**C.R. Shrinivas**  
Director



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e-mail : bemlmys@sancharnet.in

**Palakkad Complex**  
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e-mail: beml.gmpalakkad@gmail.com

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e-mail : office@export.beml.co.in

**Technology Division**  
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e-mail : office@ctd.beml.co.in

**Trading Division**  
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e-mail : office@trading.beml.co.in

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**Singrauli**  
Tel : 07805-268260  
e-mail : singrauli@rm.beml.co.in

RKT/08/2021 / 304 (b)

15.04.2021

**CERTIFICATE**

This is to certify that Ms. SUSHMA G (1SG17EC095),  
B.E (E&C) student of SAPTHAGIRI COLLEGE OF  
ENGINEERING, BENGALURU has successfully completed  
her "INTERNSHIP TRAINING" from 12.03.2021 to  
15.04.2021 as a part of her curriculum.

During her stay with us, she has evinced keen interest in her  
"INTERNSHIP" and her conduct and character were  
"GOOD". We wish her bright success for her future  
endeavours.

For BEML LIMITED,



(H B LINGA REDDY)  
AGM - TRAINING



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

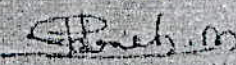


Date: 05-04-2021

To Whom So Ever It May Concern

This is to Certify that SUSHMA N L S (USGITEC096) the student of 6<sup>th</sup> Semester B.E. Electronics & Communication Engineering from Sapthagiri College of Engineering, Bengaluru underwent the Internship Training Program on Industrial Automation - PLC - Hardware Configuration & SCADA - OS Project Editor at KGTTI (Karnataka German Technical Training Institute), Bengaluru from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

Her association with us was very fruitful & we wish her all the best for her future endeavours.

  
Course Co-ordinator



  
Principal  
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Bengaluru - 560 057



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## CERTIFICATE OF INTERNSHIP

TO WHOM IT MAY CONCERN

This is to certify that Sweta prakash Bastapur a student of Sapthagiri  
College of Engineering, has completed 1 months/weeks of Internship  
From 09/03/2021 To 10/04/2021 in Embedded System Domain.

During this period of his internship programme with us he/her was  
found punctual, hardworking and inquisitive, We wish him/her every success in life.

Date 11/04/2021

Bangalore

Technofly Solutions, Vijayanagar, Bangalore - 40.  
Mob.: 9663476586, 9741150102 | [www.technofly.in](http://www.technofly.in)

For TechnoFly Solutions  
Date: 11/04/2021  
Signature: [Signature]  
Authorized Signature  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosur Road  
Bangalore - 560 057



# TechnoFly Solutions

Techno fly

## CERTIFICATE OF INTERNSHIP

TO WHOM IT MAY CONCERN

This is to certify that Tejal. S a student of Sapthagiri  
College of Engineering Bangalore, has completed 1 months/weeks of Internship  
From 09/03/2021 To 10/04/2021 in Embedded Systems Domain.

During this period of his internship programme with us he/her was  
found punctual, hardworking and inquisitive, We wish him/her every success in life.

Date 11/04/2021

Bangalore

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Mob.: 9663476586, 9741150102 | [www.technofly.in](http://www.technofly.in)

For TechnoFly Solutions

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bangalore - 560 087





Ref # VIS/INT/21-22/0118

Date : 06-04-2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Thimmaraju R (Roll No: 1SG17EC102), an Undergraduate student of Electronics and Communications Engineering from Sapthagiri College of Engineering – Bangalore, India has successfully completed Five Weeks internship programme (From 15<sup>th</sup> March 2021 to 21<sup>st</sup> April 2021). During this period of internship programme, he was found to be punctual, hardworking and inquisitive and has worked in the field of Machine Learning.

We wish him every success in life.

For VI Solutions



Authorised Signatory



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

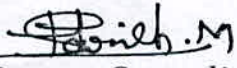


Date: 06-04-2021


**To Whom So Ever It May Concern**

This is to Certify that **UMA MAHESHWARI R USN (1SG17EC103)** the student of 8<sup>th</sup> Semester - **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation - PLC - Organisation Block & SCADA - Window Objects & Tube Objects** at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

Her association with us was very fruitful & we wish her all the best for her future endeavours.

  
Course Co-ordinator



  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hebbal, Bengaluru - 560 059  
Director

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SOFTWARE TESTING TRAINING INSTITUTE  
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CIN NO : U72200KA2007PTC044701

www.qspiders.com

## CERTIFICATE OF COMPLETION

This is to certify that Ms. Vaishnavi K S, final year B.E. student (USN 1SG17EC104) from Sapthagiri College of Engineering, has completed internship successfully to work on live projects at QSpiders (A Unit of Test Yantra Software Solutions India Pvt. Ltd.), Bengaluru for 2 months starting from 10th March 2021.

Duration- *10<sup>th</sup> March, 2021 to 10<sup>th</sup> May, 2021*

Project Guide Name – *Mr. Pradeep H H*

From QSPIDERS

(A Unit of Test Yantra Software Solutions (I) Pvt. Ltd.)



Suresha Babu S,  
Senior Executive HR

Corporate Office No. 1, 3rd Cross Basappa Layout, Gavipuram Extn, Kempegowda Nagar, Bengaluru, - 560019 Karnataka.

Principal  
Sapthagiri College of Engineering  
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www.Lntebg.com

E&A/MYS/INTERN/2021/05

April 09, 2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Varsha V.V, a student of Sapthagiri College of Engineering, has completed Internship project on "Application of Magnetic Flux" in our organization from 01.03.2021 to 31.03.2021.

The internship was guided by Mr. Sujith V, Manufacturing Engineering

During this period Ms. Varsha V.V has shown keen interest in the assignment and completed the Internship successfully.

We wish her success in all her future endeavors.

For L&T Electrical & Automation unit of SEIPL

**RAHUL NAYAK**  
MANAGER - HR & PERSONNEL

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

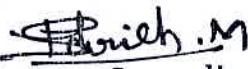


Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **VASANTH KUMAR G V USN (1SG17EC106)** the student of 8<sup>th</sup> Semester **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation - PLC - Upload Backup & Archive & SCADA - Tag Management** at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from **4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021**.

His association with us was very fruitful & we wish him all the best for his future endeavours.

  
Course Co-ordinator



  
  
Principal  
**Sapthagiri College of Engineering**  
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Director

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KARUNADU TECHNOLOGIES PRIVATE LIMITED

*Certificate  
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INTERNSHIP PROGRAM  
ON  
Robotics And It's Application



1SG17EC110

THIS IS TO CERTIFY THAT

MR. VIKYATH KAMALESH.

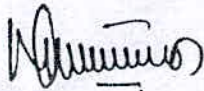
FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING

HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON

ROBOTICS AND IT'S APPLICATION

CONDUCTED FROM 15-MAR-2021 TO 15-APR-2021 AT

KARUNADU TECHNOLOGIES PVT. LTD.



Mahesh Deginal  
MD & CEO  
Karunadu Technologies Pvt. Ltd.





Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057  
GUIDE  
Karunadu Technologies Pvt. Ltd.

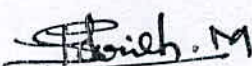


Date: 06-04-2021

**To Whom So Ever It May Concern**

This is to Certify that **VISHWAS M USN (1SG17EC111)** the student of 8<sup>th</sup> Semester **B.E. Electronics & Communication Engineering** from **Sapthagiri College of Engineering, Bengaluru** underwent the **Internship Training Program on Industrial Automation – PLC – FC, FB, DB, UDT & SCADA – Interface with Field Devices** at **KGTTI (Karnataka German Technical Training Institute), Bengaluru** from **4<sup>th</sup> Mar 2021** to **6<sup>th</sup> Apr 2021**.

His association with us was very fruitful & we wish him all the best for his future endeavours.

  
Course Co-ordinator



EXCELLENCE THROUGH SKILLS

KGTTI.COM




Date: 06-04-2021


**To Whom So Ever It May Concern**

This is to Certify that VIVEK H M USN (1SG17EC112) the student of 8<sup>th</sup> Semester B.E. Electronics & Communication Engineering from Sapthagiri College of Engineering, Bengaluru underwent the Internship Training Program on Industrial Automation - PLC - Analog FC105, FC106 & SCADA - Smart Objects at KGTTI (Karnataka German Technical Training Institute), Bengaluru from 4<sup>th</sup> Mar 2021 to 6<sup>th</sup> Apr 2021.

His association with us was very fruitful & we wish him all the best for his future endeavours.

  
Course Co-ordinator



  
Director

EXCELLENCE THROUGH SKILLS

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Company letter  
pending



Ref # VIS/INT/21-22/0117

Date : 06-04-2021

### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Yathin B S (Roll No: ISG17EC113), an Undergraduate student of Electronics and Communications Engineering from Sapthagiri College of Engineering – Bangalore, India has successfully completed Five Weeks internship programme (From 15<sup>th</sup> March 2021 to 21<sup>st</sup> April 2021). During this period of internship programme, he was found to be punctual, hardworking and inquisitive and has worked on the NI tools given below

1. LabVIEW Application Software
2. Data Acquisition System
3. Digital Image Processing

We wish him every success in life.

For VI Solutions



Authorised Signatory

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

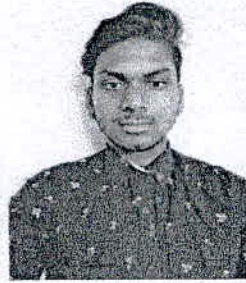




ಕರುನಾಡು ಟೆಕ್ನಾಲಜೀಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್  
KARUNADU TECHNOLOGIES PRIVATE LIMITED

*Certificate  
of Completion*

INTERNSHIP PROGRAM  
ON  
Robotics And It's Application



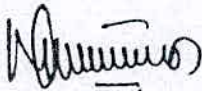
1SG17EC114

THIS IS TO CERTIFY THAT  
MR.YESHWANTH A.

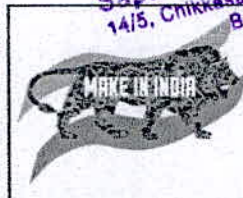
FROM COLLEGE SAPTHAGIRI COLLEGE OF ENGINEERING  
HAS COMPLETED ONE MONTH INTERNSHIP PROGRAM ON  
ROBOTICS AND IT'S APPLICATION

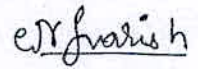
CONDUCTED FROM 15-MAR-2021 TO 15-APR-2021

KARUNADU TECHNOLOGIES PVT. LTD.



Mahesh Deginal  
MD & CEO  
Karunadu Technologies Pvt. Ltd.





Harish .N  
GUIDE  
Karunadu Technologies Pvt. Ltd.

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



DATE :10 April 2021

## Certificate of internship completion

) This is to certify that **Ms. Chandana S** has done her internship in "SVS POWER SYSTEMS" yeshwanthpur, Bangalore from 08-03-2021 to 08-04-2021.


She has worked on a project titled "**Manufacturing of Lead Acid Battery**". as part of the project she designed in production by understanding the design briefs and promo specifications.

During the internship she demonstrated good design skills with a self-motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the project successfully on time.

We wish her all the best for her future endeavors.

) Warm regards,

Rajanna v  
For SVS POWER SYSTEMS

  
Proprietor of the company

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



FIN:29DFXPM5762L1Z9



**Address**

No.33,1st cross road, Behind bhanu  
nursing home road, Bommanahalli  
Bangalore-560068  
M:9626795400  
email:bdgtronix@gmail.com  
www.bdgtronix.com

Date: 14-April-2021

## INTERNSHIP CERTIFICATE

This is to certify that **Ms.Sameena A Nadaf**(USN 1SG17EC116) a student of BE (Electronic & communication engineering) at Sapthagiri College of Engineering Bangalore, has successfully completed 4 weeks (From 12-March-2021 to 12-April-2021) of internship programme as '**Trainee embedded product development engineer**' at BDGTronix. During the period of internship programme with us she was found punctual, hardworking and inquisitive.

We wish you very successful journey ahead.

Sincerely,

(Mr.Madesha H M)  
General Manager

**BDGTRONIX**

# 33, 2nd Floor, 1st Cross Road,  
Krishna Reddy Layout,  
Bommanahalli, Bengaluru-560 068.

(Mr.Adarsha J K)  
Sr. Embedded Engineer

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



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CERTIFICATE  
OF  
INTERNSHIP

TO WHOM IT MAY CONCERN

This is to certify that Porushotham.R a student of Sapthagiri

College of Engineering, has completed 1 months/weeks of Internship

From 15/03/2021 To 15/04/2021 in Internet of Things (IoT) Domain.

During this period of his internship programme with us he/her was found punctual, hardworking and inquisitive, We wish him/her every success in life.

Date 17/04/2021

Bangalore

Technofly Solutions, Vijayanagar, Bangalore - 40.  
Mob.: 9663476586, 9741150102 | [www.technofly.in](http://www.technofly.in)





DATE :10 April 2021

## Certificate of internship completion

This is to certify that **Ms. Vanitha R** has done her internship in "SVS POWER SYSTEMS" Yeshwanthpur, Bangalore from **08-03-2021 to 08-04-2021**.

She has worked on a project titled "**Manufacturing of Lead Acid Battery**". As part of the project she designed in production by understanding the design briefs and promo specifications.

During the internship she demonstrated good design skills with a self-motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the project successfully on time.

We wish her all the best for her future endeavors.

Warm regards,

For **Rajanna** SYSTEMS



Proprietor of the company



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





**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi &  
#14/5, Chikkasandra, Hesareghatta Main Road, Bengaluru – 560057

Phone: 080-28372800/1/2      www.sapthagiri.edu.in      Fax: 080-28372797

Sl.No	USN	NAME	COMPANY OF INTERNSHIP	TITLE OF INTERNSHIP	From	To	Number of months	Date of presentation	Coordinator	Report(20)	Present ation (20)	Content (20)	Technol ogy(20)	Skill develop ed(20)	Total(100)	Total(50)
1	ISG15EC031	DILIP.V	Avika Technologies	Assembling and Testing of UPS	15th March 2021	15th April 2021	1	3rd June 21	Prof. Pakash Jadhav	15	17	16	16	19	83	42
2	ISG15EC040	HIMANSHU SHEKHAR	VI Solutions	Labview Application Software, Data Acquisition System and Industrial IoT	15th March 2021	21st April 2021	1	4th June 21	Prof. Kavitha R J	12	15	15	15	15	72	36
3	ISG15EC088	Ranjan S	Avika Technologies	Assembling and Testing of UPS	15th March 2021	15th April 2021	1	3rd June 21	Prof. Pakash Jadhav	10	18	17	17	18	80	40
4	ISG15EC100	SHASHIKANT KUMAR						4th June 21	Prof. Kavitha R J	12	15	15	14	14	70	35
5	ISG16EC016	BHRUNGESH M R	Contriver	Testing and Programming	1st March 2021	19th April 2021	1.5			12	15	15	15	15	72	36
6	ISG16EC032	Hafeezur Rahaman	Avika Technologies	Assembling and Testing of UPS	20th March 2021	17th April 2021		4th June 21	Prof. Kavitha R J	10	18	17	17	18	80	40
7	ISG16EC061	Nayana CS	SION semiconductors	SoC Verification Techniques	18th March 2021	18th April 2021	1	3rd June 21	Prof. Pakash Jadhav	19	18	18	18	18	91	46
8	ISG16EC069	Patel Sriarthik	Technofly solutions	Embeddded System with IoT	15th March 2021	15th April 2021	1	4th June 21	Prof. Kavitha R J	18	17	18	18	19	90	45
9	ISG16EC086	Rakshitha Sonu S	Technofly solutions	Machine learning				14th June	Prof. Kavitha R J	15	18	18	18	18	87	44
10	ISG16EC422	Samitha M	Avika Technologies	Assembling and Testing of UPS	15th March 2021	15th April 2021	1	5th June 21	Prof. Kavitha R J	10	18	17	17	18	80	40
11	ISG17EC419	Rachana M.	Avika Technologies	Assembling and Testing of UPS	15th March 2021	15th April 2021	1	5th June 21	Prof. Kavitha R J	17	16	16	17	16	82	41
12	ISG17EC423	Shashi Kumar S	Technofly solutions	Embeddded System with IoT	15th March 2021	15th April 2021	1	5th June 21	Prof. Kavitha R J	20	17	17	17	17	88	44

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





### **CERTIFICATE OF INTERNSHIP**

This is to certify that Mr. Dilip V (1SG15EC031) a student of Electronics and Communication Engineering, Sapthagiri College Of Engineering, Bangalore has successfully completed internship programme at Avika Technologies from 15th March- 2021 to 15th April- 2021.

During his internship, he was assigned to work on assembling and testing of UPS.

During the period of his internship program with us he was found punctual, hardworking and inquisitive.

PRAKASH KS

Quality is our habit

HR, Avika Technologies

Authorized Signature



Principal

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

Regd. Off. : #5, Ground Floor, 4<sup>th</sup> main, Chandana Layout, Sri Gandhadakaval, Sunkadakatte,  
Bangalore -560091, Phone :9845222507 /8197022877 Email : avikatechnologies@gmail.com



Ref # VIS/INT/21-22/0124

Date : 01-06-2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Himanshu Shekhar (Roll No: 1SG15EC040), an Undergraduate student of Electronics and Communications Engineering from Sapthagiri College of Engineering – Bangalore, India has successfully completed Five Weeks internship programme (From 15<sup>th</sup> March 2021 to 21<sup>st</sup> April 2021). During this period of internship programme, he was found to be punctual, hardworking and inquisitive and has worked on the NI tools given below

1. LabVIEW Application Software
2. Data Acquisition System
3. Digital Image Processing

We wish him every success in life.

For VI Solutions



Authorised Signatory



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





### **CERTIFICATE OF INTERNSHIP**

This is to certify that Mr. Ranjan S (1SG15EC088) a student of Electronics and Communications Engineering, Sapthagiri College Of Engineering, Bangalore has successfully completed internship programme at Avika Technologies from 15th March- 2021 to 15th April- 2021.

During his internship, he was assigned to work on assembling and testing of UPS.

During the period of his internship program with us he was found punctual, hardworking and inquisitive.

PRAKASH KS

Quality is our habit

HR, Avika Technologies

Authorized Signature



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

Regd. Off. : #5, Ground Floor, 4<sup>th</sup> main, Chandana Layout, Sri Gandhadakaval, Sunkadakatte,  
Bangalore -560091, Phone :9845222507 /8197022877 Email : avikatechnologies@gmail.com



CONTRIVER

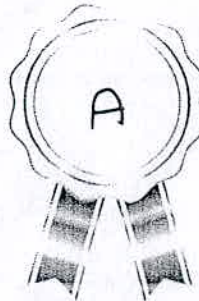
# INTERNSHIP CERTIFICATE

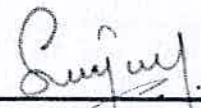
This is to certify that

Bhounagesh MR

has undergone a 30 days internship training programme from  
01/03/2021 to 19/04/2021.

In the department of Testing and Programming  
Contriver, Bengaluru. Under the guidance of AKASH S  
and the grade awarded to the intern for the internship project is



  
Sanjay B  
Chief Executive Officer  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Mesuraghatta Main Road  
Bengaluru - 560 057







## CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Hafeezur Rahaman (1SG16EC032) a student of Electronics and Communication Engineering, Sapthagiri College Of Engineering, Bangalore has successfully completed internship programme at Avika Technologies from 20th March- 2021 to 17th April- 2021.

During his internship, he was assigned to work on assembling and testing of UPS.

During the period of his internship program with us he was found punctual, hardworking and inquisitive.

Quality is our habit

PRAKASH KS

HR, Avika Technologies

Authorized Signature



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

Regd. Off. : #5, Ground Floor, 4<sup>th</sup> main, Chandana Layout, Sri Gandhadakaval, Sunkadakatte,  
Bangalore -560091, Phone :9845222507 /8197022877 Email : avikatechnologies@gmail.com



# SION

## Certificate of completion

This is to certify that

NAYANA C S

has completed internship on VLSI at Sion Semiconductors PVT LTD

from 18<sup>th</sup> March 21 to 17<sup>th</sup> April 21.

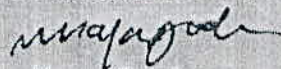
We found him/her sincere, hardworking, dedicated and result oriented.

she/he worked well as a part of the team during his/her tenure.

We take this opportunity to thank him/her and wish

him/her all the best for his/her future.


For Sion Semiconductors Pvt. Ltd.



Manya Gowda  
Director HR

HR, Director

**Sion Semiconductors PVT LTD**



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



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TechnoFly Solutions

CERTIFICATE  
OF  
INTERNSHIP

TO WHOM IT MAY CONCERN

This is to certify that PATEL SRI KARTHIK a student of Sapthagiri  
College of Engineering, has completed 4 months/weeks of Internship  
From 15/03/2021 To 15/04/2021 in Embedded system with IoT Domain.

During this period of his internship programme with us he/her was  
found punctual, hardworking and inquisitive, We wish him/her every success in life.

Date 16/04/2021  
Bangalore

Technofly Solutions, Vijayanagar, Bangalore - 40.  
Mob.: 9663476386, 9741150102 | www.technofly.in



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





### **CERTIFICATE OF INTERNSHIP**

This is to certify that Ms. Samitha M (1SG16EC422) a student of Electronics and Communication Engineering, Sapthagiri College Of Engineering, Bangalore has successfully completed internship programme at Avika Technologies. from 15th March- 2021 to 15th April- 2021.

During her internship, she was assigned to work on assembling and testing of UPS.

During the period of her internship program with us she was found punctual, hardworking and inquisitive.

PRAKASH KS

Quality is our habit

HR, Avika Technologies

Authorized Signature



  
Sapthagiri College of Engineering  
Principal  
Sapthagiri College of Engineering  
Chikkabandur Main Road  
Chikkabandur - 560 057

Regd. Off. : #5, Ground Floor, 4<sup>th</sup> main, Chandana Layout, Sri Gandhadakaval, Chikkabandur,  
Bangalore -560091, Phone :9845222507 /8197022877 Email : avikatechnologies@gmail.com





### CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Rachana M (1SG17EC419) a student of Electronics and Communication Engineering, Sapthagiri College Of Engineering, Bangalore has successfully completed internship programme at Avika Technologies from 15th March- 2021 to 15th April- 2021.

During her internship, she was assigned to work on assembling and testing of UPS.

During the period of her internship program with us she was found punctual, hardworking and inquisitive.

PRAKASH KS

Quality is our habit

HR, Avika Technologies

Authorized Signature



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

Regd. Off. : #5, Ground Floor, 4<sup>th</sup> main, Chandana Layout, Sri Gandhadakaval, Sunkadakatte,  
Bangalore -560091, Phone :9845222507 /8197022877 Email : avikatechnologies@gmail.com



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TechnoFly Solutions

**CERTIFICATE**  
OF  
**INTERNSHIP**

TO WHOM IT MAY CONCERN

This is to certify that Shashi kumar S a student of Sapthagiri

College of Engineering, has completed 1 months/weeks of Internship

From 15/03/2021 To 15/04/2021 in Embedded System with IoT Domain.

During this period of his internship programme with us he/her was found punctual, hardworking and inquisitive, We wish him/her every success in life.

Date 16/04/2021

Bangalore

TechnoFly Solutions, Vyaramagar, Bangalore - 40.  
Mob: 9663476586, 9747150102 | www.technofly.in

For TechnoFly Solutions



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