



## **Sree Narayana Guru College of Engineering & Technology**

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



### **1.3 Curriculum Enrichment**

#### **1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest Completed academic year)**

##### **Table of Contents**

<b>Sl.No.</b>	<b>Content</b>	<b>Page No.</b>
<b>1</b>	<b>List of students</b>	<b>1-9</b>
<b>2</b>	<b>Certificates</b>	<b>10-103</b>
<b>3</b>	<b>Report</b>	<b>104-165</b>
<b>4</b>	<b>Permission letter</b>	<b>166-181</b>



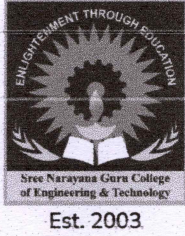
# **Sree Narayana Guru College of Engineering & Technology**

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



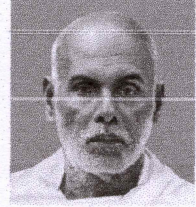
## LIST OF STUDENTS





# Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307

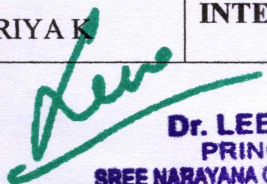


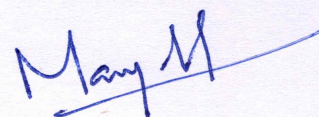
## DEPARTMENT OF CIVIL ENGINEERING

### INTERNSHIP DETAILS OF 2020-2024 BATCH

ACADEMIC YEAR 2022-23

Sl. No.	Name	Job Title	Industry	Duration
1	ABHIJITHA K	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
2	AKSHAYA PV	INTERN	NIRMITHI KENDRA , THALASSERY	21/10/2022 TO 25/10/2022
3	ALEN ALEX	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
4	AMAYA T	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
5	ANUVINDA P	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
6	APARNA P	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
7	ARJUN K M	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
8	FATHIMATH ZUHRA	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
9	FATHIMATHUL MARJAN KP	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
10	FIZA FARHEEN	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
11	KEERTHANA SURENDRAN	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
12	MOOHAMMED EBRAHIM	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
13	RAJATH MANOHARAN	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
14	SAJJAD ZAINUDHEEN	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
15	SHAHANA SHERIN	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
16	SREELAKSHMI K	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
17	SREEVISHNU K	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
18	VAISHNAVIN K	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
19	VYSHNA K	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022
20	ANUPRIYA K	INTERN	NEXORA INTERNSHIP TRAINING ACADEMY	21/10/2022 TO 25/10/2022

  
**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR

  
(HOD CE)






# SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

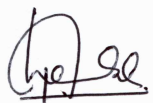
### INTERNSHIP DETAILS

#### ACADEMIC YEAR 2022-2023

Sl No	Reg.No	Name	Industry	Year	Job Title	Duration
1	SNC20CS014	ANIRUDH SHAJI	TECHBYHEART	2022-2023	Intern	10 days (10/05/2023-20/05-2023)
2	SNC20CS004	ABHINAV AV				
3	SNC20CS036	REHAN P				
4	SNC20CS042	VISWAJEETH P				
5	SNC20CS041	SREERAJ SN				
6	SNC20CS021	GOKUL A				
7	SNC20CS017	ARJUN M				
1	SNC19CS028	SAFA FATHIMA	TECHMAGHI	2022-2023	Intern	5 DAYS(05/08/2022-10/08/2022)
2	SNC21CS035	MUHAMMED THAJUDHEEN				
3	SNC21CS027	JERLITT VISAL				
4	SNC21CS013	ANUPAM KV				
5	SNC21CS041	SARANG V				
6	SNC19CS013	FATHIMATHU SAHALABEEVI				
1	SNC20CS024	HAMNA SHERIN	TORC INFOTECH	2022-2023	Intern	7 days(14/10/2022-21/10/2022)
2	SNC20CS001	AARDRA PRASANTH				
3	SNC20CS019	DILNA P				
4	SNC20CS033	NANDANA MV				
5	SNC20CS023	G P THRISHNA				
6	SNC20CS016	ANURAG MT				
7	SNC20CS002	AATHISH R				
8	SNC20CS010	AMAL MV				
9	SNC20CS011	ANAGHA ANILKUMAR				
10	SNC20CS037	RIYA RAJESH				
11	SNC20CS025	HIMA MURALI K				
12	SNC20CS015	ANJALI M				
13	SNC20CS022	GOPIKA PRAMOD KUMAR				
14	SNC20CS040	SNEHA E				
15	SNC20CS005	ABHIRAM AV				

  
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16	SNC20CS008	AKASH SUNILKUMAR			I	
17	SNC20CS003	ABHIJITH A				
18	SNC20CS034	NILEENA C				
19	SNC20CS027	KEERTHANA CV				
20	SNC20CS038	SAFA AK				
21	SNC20CS020	FATHIMATHUL FAMEENABI PV				
22	SNC20CS018	ASWATHI PI				
23	SNC20CS032	MUHAMMED ANSAR SAFER			Intern	
24	SNC20CS026	K ATHUL				
25	SNC20CS007	ABHISHEK K				
26	SNC20CS029	MUHAMMED ZANIL				
27	SNC20CS041	SREERAJ SN				
28	SNC20CS039	SANDRA B				
29	SNC20CS035	PARTHIP				
30	SNC20CS014	ANIRUDH SHAJI				
31	SNC20CS012	ANAGHA PP				
32	SNC20CS028	MOHAMMED RAZI HAMZA				

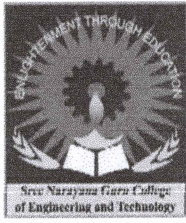


FACULTY ADVISOR



HOD

**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
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PAYYANUR, KANNUR  
PRINCIPAL



**SREE NARAYANA GURU  
COLLEGE OF ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**INTERNSHIP DETAILS  
2022-2023**

Sl.No	Name	Job Title	Industry	Duration
1	Abdul Kader Anees K V V	Intern	BSNL, RTTC, Tvm	5days 22/05/2023-26/05/2023
2	Akarsh Krishna	Intern	BSNL, RTTC, Tvm	5days 22/05/2023-26/05/2023
3	Akash T	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
4	Aman V	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
5	Dhyan Sumesh	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
6	Fathimath Rasha P	Intern	BSNL, RTTC, Tvm	5days 22/05/2023-26/05/2023
7	Malavika P	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
8	Mohammed Aseel	Intern	BSNL, RTTC, Tvm	5days 22/05/2023-26/05/2023
9	Mohammed Fahad M P	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023

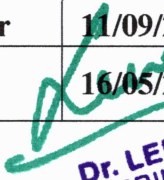
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PAYANUR, KANNUR



10	Mohammed Nafeel C K	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
11	Mohammed Shibil T	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
12	Nasha Nourin	Intern	BSNL, RTTC, Tvm	5days 22/05/2023-26/05/2023
13	Neha K P	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
14	Parthiv Sreeshan P K	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
15	Sabin M	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
16	Shagneya K	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
17	Shahzad Abdul Rahman	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
18	Sreya M	Intern	All India Radio FM, Kannur	5days 29/05/2023-02/06/2023
		Intern		
19	Arun K	Intern	Keltron Component Complex Ltd., Kannur	7days 11/09/2023-18/09/2023
20	Jishnu Girish	Intern	Keltron Component Complex Ltd., Kannur	7days 11/09/2023-18/09/2023
21	March Mohan	Intern	Keltron Component Complex Ltd., Kannur	7days 11/09/2023-18/09/2023
22	Midhun Krishnan	Intern	Keltron Component Complex Ltd., Kannur	7days 11/09/2023-18/09/2023
23	Vishnu U	Intern	Keltron Component Complex Ltd., Kannur	7days 11/09/2023-18/09/2023
24	Thejasree T K	Intern	MVIT (ISRO)	16/05/2023-07/06/2023

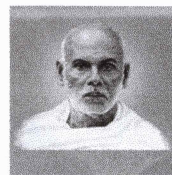
  
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25	<b>Haneena Sulthana</b>	<b>Intern</b>	<b>Techmaghi</b>	<b>12/10/2022-16/10/2022</b>
26	<b>Meghana Gangadharan</b>	<b>Intern</b>	<b>Techmaghi</b>	<b>12/10/2022-16/10/2022</b>
27	<b>Fathima Nasla M V</b>	<b>Intern</b>	<b>Techmaghi</b>	<b>12/10/2022-16/10/2022</b>
28	<b>Keerthana C V</b>	<b>Intern</b>	<b>Alisons Academy</b>	<b>02/05/2023-06/05/2023</b>
29	<b>Arjun Ashok</b>	<b>Intern</b>	<b>Alisons Academy</b>	<b>02/05/2023-06/05/2023</b>
30	<b>Jithin Sasidharan N V</b>	<b>Intern</b>	<b>Alisons Academy</b>	<b>02/05/2023-06/05/2023</b>
31	<b>Mariyambi</b>	<b>Intern</b>	<b>Alisons Academy</b>	<b>02/05/2023-06/05/2023</b>
32	<b>Sanishma Sachithanand</b>	<b>Intern</b>	<b>Alisons Academy</b>	<b>02/05/2023-06/05/2023</b>
33	<b>Deepna C</b>	<b>Intern</b>	<b>Torc Infotech Kochi</b>	<b>14/10/2022-20/10/2022</b>

  
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**SREE NARAYANA GURU  
COLLEGE OF ENGINEERING & TECHNOLOGY**

(PROMOTED BY SREE BHAKTHI SAMVARDHINI YOGAM, KANNUR)

CHALAKKODE P.O., PAYYANUR, KANNUR-670307, KERALA

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
INTERNSHIP DETAILS  
ACADEMIC YEAR: (2022-2023)**

INO	NAME	JOB TITLE	INDUSTRY	DURATION
	ABHINAV C.	INTERN	TORC INFOTECH PRIVATE LIMITED	7days 14.10.2022-21.10.2022
	ASWATHI P. P.	INTERN	TORC INFOTECH PRIVATE LIMITED	7days 14.10.2022-21.10.2022
	HRUDHUL RAGH	INTERN	TORC INFOTECH PRIVATE LIMITED	7days 14.10.2022-21.10.2022

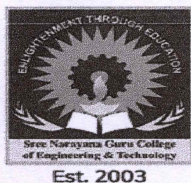
*Ashish.*

HOD EEE Department  
SNGET, payyanur

*Leena*

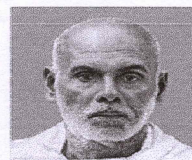
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## Sree Narayana Guru College of Engineering & Technology

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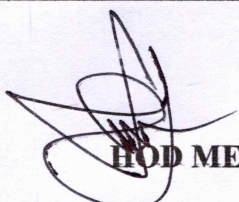
### DEPARTMENT OF MECHANICAL ENGINEERING

### INTERNSHIP DETAILS

ACADEMIC YEAR : 2022-2023

Sl.No	Name	Industry	Year	Duration	Job Title
1	Aadith VP	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
2	Abhishek K	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
3	Adarsh vijayakumar	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
4	Hrithik Anil	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
5	Mithun S Kumar	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
6	Muhammed Zenil KV	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
7	Sanju PV	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
8	Shibin Rajeevan TP	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
9	Sidharth K	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
10	Sreerag P Radhakrishnan	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern
11	Adarsh P	The Western India Plywoods LTD, Kannur	2022-2023	1 day	Intern

  
FACULTY ADVISOR

  
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PRINCIPAL

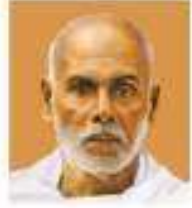
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PAYANUR, KANNUR





## **Sree Narayana Guru College of Engineering & Technology**

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



## CERTIFICATES



**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
(AN ISO 9001:2015 CERTIFIED)

# Certificate of Excellence

FILE NO : 1840

REG NO : 22NA/INC1027

This is to certify that ABHIJITHA K has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.



DATE OF ISSUE : 25/10/2022

AJIMAL SALIM

COURSE COORDINATOR

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR  
KANNUR

INTERNSHIP INVIGILATOR





**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
(AN ISO 9001:2015 CERTIFIED)

# Certificate of Excellence

FILE NO : 1842

REG NO : 22NA/INC1029

This is to certify that ALLEN ALEX has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.



DATE OF ISSUE : 25/10/2022

*Ajimal Salim*  
AJIMAL SALIM

COURSE COORDINATOR



*Leena A. V.*  
LEENA A. V.  
SREE HANUMA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PANNUR

*Manu*

INTERNSHIP INVIGILATOR







**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
AN ISO 9001:2015 CERTIFIED

# Certificate of Excellence

FILE NO : 1852

REG NO : 22NA/INC1039

This is to certify that AMAYAT has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.



DATE OF ISSUE : 25/10/2022

*Ajimal Salim*  
AJIMAL'SALIM

COURSE COORDINATOR



*Mouli*

INTERNSHIP INVIGILATOR







**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
(AN ISO 9001:2015 CERTIFIED)

# Certificate of Excellence

FILE NO : 1838

REG NO : 22NA/INC1025

*This is to certify that* APARNA P *has successfully completed the internship*  
*program on the basis* CIVIL ENGINEERING *specialised in* CONSTRUCTION PROJECT  
MANAGEMENT *section of the prime industry* 21/10/2022 TO 25/10/2022 *and have also*  
*been awarded with* EXCELLENT *the conduct and curriculum.*



DATE OF ISSUE : 25/10/2022

  
AJIMAL SALIM

COURSE COORDINATOR



  
Dr. LEENA A.V.  
PRINCIPAL  
JEE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PANNUR  
KANNUR



INTERNSHIP INVIGILATOR







**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
AN ISO 9001:2015 CERTIFIED

# Certificate of Excellence


FILE NO : 1846

REG NO : 22NA/INC1033

*This is to certify that* FATHIMATHUL MARJAN *has successfully completed the internship program on the basis* CIVIL ENGINEERING *specialised in* CONSTRUCTION PROJECT MANAGEMENT *section of the prime industry* 21/10/2022 TO 25/10/2022 *and have also been awarded with* EXCELLENT *the conduct and curriculum.*



DATE OF ISSUE : 25/10/2022

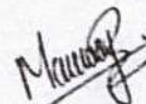
  
AJIMAL SALIM

COURSE COORDINATOR

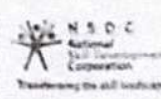


  
DR. L. V. S. V.  
PRINCIPAL  
SREE NARAYANATHURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAVANUR  
KANNUR





INTERNSHIP INVIGILATOR







**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
(AN ISO 9001:2015 CERTIFIED)

# Certificate of Excellence

FILE NO : 1847

REG NO : 22NA/INC1034

This is to certify that FIZA FARHEEN has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.



*Dr. Leema A. V.*  
DR. LEEA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR  
KANNUR



DATE OF ISSUE : 25/10/2022

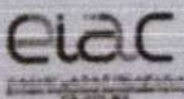
*Ajmal Salim*  
AJMAL SALIM

COURSE COORDINATOR



*M. S. S.*

INTERNSHIP INVIGILATOR







**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
(AN ISO 9001:2015 CERTIFIED)

# Certificate of Excellence

FILE NO 1841

REG. NO/ 22NA/INC1028

*This is to certify that* MOHAMMED EBRAHIM *has successfully completed the internship program on the basis* CIVIL ENGINEERING *specialized in* CONSTRUCTION PROJECT MANAGEMENT *section of the prime industry* 21/10/2022 TO 25/10/2022 *and have also been awarded with* EXCELLENT *the conduct and curriculum.*



*Leena*



DATE OF ISSUE 25/10/2022

*Ajmal Salim*  
AJMAL SALIM

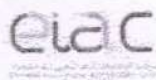
COURSE COORDINATOR



**Dr. LEENA A. V.**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR  
KANNUR

*Mouli*

INTERNSHIP INVIGILATOR







# KANNUR DISTRICT NIRMITHI KENDRA

GUNDERT ROAD, THALASSERY- Pin 670101

A Building Centre for cost Effective Building Materials & Techniques  
 (Sponsored by HUDCO- Govt. of India & Govt. of Kerala)

KNK/122/2022(1)

11<sup>th</sup> November 2022


## CERTIFICATE

This is to certify that Ms. Akshaya P V, 5<sup>th</sup> Semester B Tech student (Civil Engineering- University registration number SNC20CE002), of Sree Narayana Guru College Of Engineering & Technology, Payyannur has undergone internship in this establishment, as part of their curriculum, from 22-10-2022 to 25-10-2022 and on 29-10-2022. She has visited the following work sites.

1. Construction of Building for Village office at Vellur
2. Construction of Building for Govt. LP School , Mathamangalam
3. Construction of Migrant labour ward Building at CHC Payyangadi
4. SC colony development works at Kookkanam, Payyannur



  
 PROJECT MANAGER  
 NIRMITHI KENDRA  
 KANNUR

  
 Dr. LEENA A V  
 PRINCIPAL  
 SREE NARAYANA GURU COLLEGE OF  
 ENGINEERING & TECHNOLOGY  
 PAYYANUR, KANNUR



**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
(AN ISO 9001:2015 CERTIFIED)

# Certificate of Excellence

FILE NO : 1848

REG NO : 22NA/INC1035

*This is to certify that RAJATH MANOHARAN has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.*



*Dr. Leena A. V.*

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR  
KANNUR



DATE OF ISSUE : 25/10/2022

*Ajimal Salim*  
AJIMAL SALIM

COURSE COORDINATOR



*M. S. D. C.*

INTERNSHIP INVIGILATOR







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INTERNSHIP TRAINING ACADEMY  
(AN ISO 9001:2015 CERTIFIED)

# Certificate of Excellence

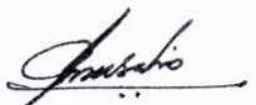
FILE NO : 1857

REG NO : 22NA/INC1044

This is to certify that SHAHANA SHERIN has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.



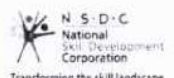
DATE OF ISSUE : 25/10/2022



COURSE COORDINATOR



  
INTERNSHIP INVIGILATOR







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(AN ISO 9001:2015 CERTIFIED)

10

# Certificate of Excellence

FILE NO : 1851

REG NO : 22NA/INC1038

This is to certify that SREELAKSHMI K has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.



*Dr. Leena A. V.*  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PATTANUR  
KANNUR

DATE OF ISSUE : 25/10/2022

*Ajimal Salim*  
AJIMAL SALIM

COURSE COORDINATOR



*Mamun*

INTERNSHIP INVIGILATOR







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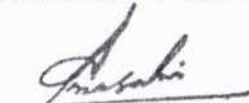
FILE NO : 1850

REG NO : 22NA/INC1037

This is to certify that ANUPRIYA K has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.



DATE OF ISSUE : 25/10/2022

  
AJIMAL SALIM

COURSE COORDINATOR

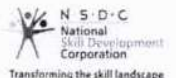


  
Dr. LEENA A. V.  
PRINCIPAL,  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PANNUR  
KANNUR





INTERNSHIP INVIGILATOR







**NEXORA**  
INTERSHIP TRAINING ACADEMY  
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# Certificate of Excellence

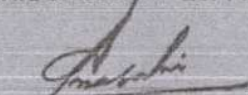
FILE NO : 1849

REG NO : 22NA/INC1036

This is to certify that SREEVISHNU has successfully completed the internship program on the basis CIVIL ENGINEERING specialised in CONSTRUCTION PROJECT MANAGEMENT section of the prime industry 21/10/2022 TO 25/10/2022 and have also been awarded with EXCELLENT the conduct and curriculum.



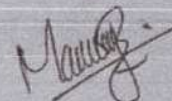
DATE OF ISSUE : 25/10/2022

  
AJIMAL SALIM

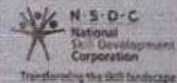
COURSE COORDINATOR



Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA PUJI COLLEGE OF  
ENGINEERING & TECHNOLOGY, RAYANUR  
KANNUR



INTERSHIP INVIGILATOR







Ref: No.BTW: 254/2023-24

October 31, 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. SREELAKSHMI K.**, (Reg.No.SNC20CE017). Fourth year B.Tech Degree, student of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undertaken an Industrial Training Programme at our company and studied the organizational activities from 26.10.20230 to 31.10.2023 as a partial fulfillment of the requirements of her academic studies.

For: BALIAPATAM TILES AND BUSINESS VENTURES LTD.



*Srinivasan*  
DIRECTOR

*Leena*

**Dr. LEENA A. V.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



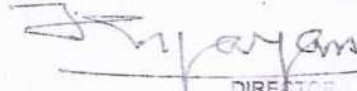
Ref: No.BTW: 253/2023-24

October 31, 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. AKSHAYA P.V.** (Reg.No.SNC20CE002). Fourth year B.Tech Degree. student of Sree Narayana Guru College of Engineering & Technology. Payyanur - 670 307 has undertaken an Industrial Training Programme at our company and studied the organizational activities from 26.10.2023 to 31.10.2023 as a partial fulfillment of the requirements of her academic studies.

For **BALIAPATAM TILES AND BUSINESS VENTURES LTD.**

  
DIRECTOR





**Dr. LEENA A. V.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





**NEXORA**  
INTERNSHIP TRAINING ACADEMY  
(AN ISO 9001:2015 CERTIFIED)

# Certificate of Excellence

FILE NO : 1837

REG NO : 22NA/INC1024

*This is to certify that* VYSHNA K *has successfully completed the internship*  
*program on the basis* CIVIL ENGINEERING *specialised in* CONSTRUCTION PROJECT  
MANAGEMENT *section of the prime industry* 21/10/2022 TO 25/10/2022 *and have also*  
*been awarded with* EXCELLENT *the conduct and curriculum.*




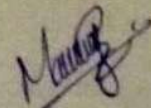
DATE OF ISSUE : 25/10/2022

  
AJIMAL SALIM

COURSE COORDINATOR



  
DR. P. S. A. V.  
PRINCIPAL  
GREEN HORIZON COLLEGE OF  
ENGINEERING & TECHNOLOGY, PATTINUR  
KANNUR



INTERNSHIP INVIGILATOR





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E-mail: [westernply@gmail.com](mailto:westernply@gmail.com)/ [mail@wipltd.in](mailto:mail@wipltd.in).  
Website: [www.wipltd.in](http://www.wipltd.in), CIN-L20211 KL 1945PLC001708

March 22 ,2024

## CERTIFICATE

This is to certify that the following **11** students of **B TECH MECHANICAL ENGINEERING** at **SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY, PAYYANNUR** have done an **Internship (one day)** successfully in our Organization on **11-09-2023**, as part of their curriculum requirement.

1. AADITH V P	-	SNC21ME001
2. ABISHEK K	-	SNC21ME002
3. ADARSH VIJAYAKUMAR	-	SNC21ME003
4. HRITHIK ANIL	-	SNC21ME005
5. MITHUN S KUMAR	-	SNC21ME006
6. MUHAMMED ZENIL K V	-	SNC21ME007
7. SANJU P V	-	SNC21ME008
8. SHIBIN RAJEEVAN T P	-	SNC21ME009
9. SIDHARTH K	-	SNC21ME010
10.SREERAG P RADHAKRISHNAN	-	SNC21ME011
11.ADARSH P	-	LSNC21ME012



*Leena*

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANNUR  
KANNUR

*[Signature]*  
GENERAL MANAGER





भारत संचार निगम लिमिटेड  
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तिरुवनंतपुरम - 695 040

*Regional Telecom Training Centre*  
Thiruvananthapuram – 695 040

प्रमाणपत्र  
**CERTIFICATE**

*This is to certify that*

**MOHAMED ASEEL**

*has successfully completed the training course on*  
**INDUSTRIAL TRAINING ON TELECOM TECHNOLOGIES**  
*conducted by this training centre from 22.05.2023 to 26.05.2023*



Thiruvananthapuram  
Dated 26.05.2023



*S. Suresh*  
Principal



भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)

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तिरुवनंतपुरम - 695 040

*Regional Telecom Training Centre*  
Thiruvananthapuram - 695 040

प्रमाणपत्र

## CERTIFICATE

*This is to certify that*

**FATHIMATHU RASHA P P**

*has successfully completed the training course on*  
**INDUSTRIAL TRAINING ON TELECOM TECHNOLOGIES**  
*conducted by this training centre from 22.05.2023 to 26.05.2023*



Thiruvananthapuram  
Dated 26.05.2023



*Suman B*  
Principal



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तिरुवनंतपुरम - 695 040

*Regional Telecom Training Centre*  
Thiruvananthapuram - 695 040

प्रमाणपत्र  
**CERTIFICATE**

*This is to certify that*

**NASHA NOURIN**

*has successfully completed the training course on*  
**INDUSTRIAL TRAINING ON TELECOM TECHNOLOGIES**  
*conducted by this training centre from 22.05.2023 to 26.05.2023*



Thiruvananthapuram  
Dated 26.05.2023



*[Signature]*  
Principal



(भारत सरकार का उद्यम)

(A Govt. of India Enterprise)



तिरुवनंतपुरम - 695 040

Thiruvananthapuram - 695 040

# CERTIFICATE

ABDUL KADER ANEES K. V V

## INDUSTRIAL TRAINING ON TELECOM TECHNOLOGIES

conducted by this training centre from 22.05.2023 to 26.05.2023



*Dated 26.05.2023*



*Principal*

**Dr. L. S. P. R.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE  
ENGINEERING & TECHNOLOGY, PANNUR  
KANNUR



भारत संचार निगम लिमिटेड

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तिरुवनंतपुरम - 695 040

*Regional Telecom Training Centre*

Thiruvananthapuram - 695 040

प्रमाणपत्र

**CERTIFICATE**

*This is to certify that*

**AKARSH KRISHNA**

*has successfully completed the training course on*

**INDUSTRIAL TRAINING ON TELECOM TECHNOLOGIES**

*conducted by this training centre from 22.05.2023 to 26.05.2023*



Thiruvananthapuram

Dated 26.05.2023



*Suman B*  
Principal



प्रसार भारती  
PRASAR BHARATHI  
(भारत का लोक सेवा प्रसारक)  
(INDIA'S PUBLIC SERVICE BROADCASTER)  
आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं /No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Miss. Sreya. M. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Miss. Sreya. M.	SNC22EC019	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that she was very keen, diligent and enthusiastic in learning new things.

We wish her a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Seena*





प्रसार भारती  
PRASAR BHARATHI  
(भारत का लोक सेवा प्रसारक)  
(INDIA'S PUBLIC SERVICE BROADCASTER)  
आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं/No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Mr. Muhammed Nafeel. C.K. of Sree Narayana Guru College of Engineering & Technology, Payyanur -- 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Muhammed Nafeel. C.K.	SNC22EC010	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Dr. Latha A.V.*  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR  
KANNUR



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(INDIA'S PUBLIC SERVICE BROADCASTER)  
आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं /No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Mr. Muhammed Shibil. T. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Muhammed Shibil. T.	SNC22EC011	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E).

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Handwritten signature in green ink*





प्रसार भारती  
PRASAR BHARATHI  
(भारत का लोक सेवा प्रसारक)  
(INDIA'S PUBLIC SERVICE BROADCASTER)  
आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं/No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Mr. Aman. V. Kumar of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Aman. V. Kumar.	SNC22EC004	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*[Handwritten signature]*



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(INDIA'S PUBLIC SERVICE BROADCASTER)  
आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं/No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Miss. Shagneya. K. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Miss. Shagneya. K.	SNC22EC017	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that she was very keen, diligent and enthusiastic in learning new things.

We wish her a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Leena*

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR

PALLIKKUNNU P.O. KERALA - 670 004. Email DD(E): se\_airkannur@rediffmail.com email DD (P): sdair.knr@gmail.com

Phone : Dy. Director (Engineering) : 0497-2747566, Dy. Director (Programme): 0497-274 6205 FAX: 0497-2746205 PABX: 0497-2748581, 2746273





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आकाशवाणी : कण्णूर  
ALL INDIA RADIO: KANNUR



सं/No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Miss. Neha. K.P. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Miss. Neha. K.P.	SNC22EC014	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that she was very keen, diligent and enthusiastic in learning new things.

We wish her a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Leena*

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR

PALLIKUNNU P.O, KERALA-670 004. e-mail DD(P): sdairkannur@rediffmail.com

e-mail DD(P): sdair.knr@gmail.com

Phone: Dy. Director (Engineering): 0497-2747566,

Dy. Director (Programme): 0497-274 6205

FAX: 0497-2746205

PABX: 0497-2748581, 2746273.



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ALL INDIA RADIO : KANNUR



सं/No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Mr. Parthiv Sreeshan. P.K. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Parthiv Sreeshan. P.K.	SNC22EC015	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

*Chandrababu*  
02/06/23

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Keen*





प्रसार भारती  
PRASAR BHARATHI  
(भारत का लोक सेवा प्रसारक)  
(INDIA'S PUBLIC SERVICE BROADCASTER)  
आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं./No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Mr. Dhyan Sumesh. K. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Dhyan Sumesh. K.	SNC22EC005	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Leena*

DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR





प्रसार भारती  
PRASAR BHARATHI  
(भारत का लोक सेवा प्रसारक)  
(INDIA'S PUBLIC SERVICE BROADCASTER)  
आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं/No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Mr. Akash. T. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Akash. T.	SNC22EC003	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

*Chandrababu*  
02/06/23

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Keena*

प्रीति ए. के. के.  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR  
KANNUR





प्रसार भारती  
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सं/No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Miss. Malavika. P. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Miss. Malavika. P.	SNC22EC007	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that she was very keen, diligent and enthusiastic in learning new things.

We wish her a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Leena*

DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYANUR



प्रसार भारती  
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आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं /No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Mr. Muhammed Fahad. M.P. of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Muhammed Fahad. M.P.	SNC22EC009	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

*Chandrababu*  
02/06/23

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Keen*

DR. LEEZA A.V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR





प्रसार भारती  
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आकाशवाणी : कन्नूर  
ALL INDIA RADIO : KANNUR



सं./No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

**CERTIFICATE**

This is to certify that Mr. Shahzad Abdul Rahman of Sree Narayana Guru College of Engineering & Technology, Payyanur – 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Shahzad Abdul Rahman	SNC22EC018	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

स्थानीय प्रशासनिक प्रमुख / Local Administrative Head.



*Leena*

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY  
PAYYANUR - 670 307



Keltron Nagar  
Kalliasseri P.O.  
Kannur-670 562  
Kerala, India

Telephone : (0497) 2780831 -4 (4 Lines)  
Fax : (0497) 2781055  
E-mail : info@keltroncomp.org  
Website : www.keltroncomp.org


436

23.09.2023


**CERTIFICATE**

This is to certify that **Mr. Arun K**, (Reg No: SNC21EC001) **B.Tech - Electronics & Communication Engineering** Student of Sree Narayana Guru College of Engineering & Technology, Payyanur - 670 307 has done '**Inplant Training**' at Keltron Component Complex Ltd, Kannur - 670 562 under our guidance from 11<sup>th</sup> September 2023 to 18<sup>th</sup> September 2023.

The student has shown keen interest and initiative during the training.

  
HoD (Personnel & Admin)



  
**Dr. LEENA A. V.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



ISO 9001 : 2015 Certified Company

# KELTRON COMPONENT COMPLEX LTD

(A Govt of Kerala Undertaking) GSTIN 32AAACK9777B1ZL



Keltron Nagar  
Kalliasseri P.O.  
Kannur-670 562  
Kerala, India

Telephone : (0497) 2780831 -4 (4 Lines)  
Fax : (0497) 2781055  
E-mail : info@keltroncomp.org  
Website : www.keltroncomp.org

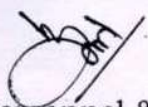
436

23.09.2023

## CERTIFICATE

This is to certify that **Mr. Jishnu Girish**, (Reg No: SNC21EC002) **B.Tech - Electronics & Communication Engineering** Student of Sree Narayana Guru College of Engineering & Technology, Payyanur - 670 307 has done '**Inplant Training**' at Keltron Component Complex Ltd, Kannur - 670 562 under our guidance from 11<sup>th</sup> September 2023 to 18<sup>th</sup> September 2023.

The student has shown keen interest and initiative during the training.

  
HoD (Personnel & Admin)



  
**Dr. LEENA A. V.**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR

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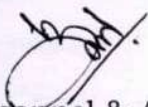
436

23.09.2023

## CERTIFICATE

This is to certify that **Mr. March Mohan**, (Reg No: SNC21EC003) **B.Tech - Electronics & Communication Engineering** Student of Sree Narayana Guru College of Engineering & Technology, Payyanur - 670 307 has done '**Inplant Training**' at Keltron Component Complex Ltd, Kannur - 670 562 under our guidance from 11<sup>th</sup> September 2023 to 18<sup>th</sup> September 2023.

The student has shown keen interest and initiative during the training.

  
HoD (Personnel & Admin)



  
Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





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E-mail : info@keltroncomp.org  
Website : www.keltroncomp.org


436

23.09.2023

**CERTIFICATE**

This is to certify that **Mr. Midhun Krishnan**, (Reg No: SNC21EC004) **B.Tech - Electronics & Communication Engineering** Student of Sree Narayana Guru College of Engineering & Technology, Payyanur - 670 307 has done '**Inplant Training**' at Keltron Component Complex Ltd, Kannur - 670 562 under our guidance from 11<sup>th</sup> September 2023 to 18<sup>th</sup> September 2023.

The student has shown keen interest and initiative during the training.

  
HoD (Personnel & Admin)



  
**DR. LEENA A. V.**  
**PRINCIPAL**  
**SREE NARAYANA GURU COLLEGE OF**  
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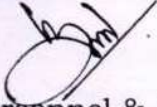
436

23.09.2023

## CERTIFICATE

This is to certify that **Mr. Vishnu U**, (Reg No: SNC21EC005) **B.Tech - Electronics & Communication Engineering** Student of Sree Narayana Guru College of Engineering & Technology, Payyanur - 670 307 has done '**Inplant Training**' at Keltron Component Complex Ltd, Kannur - 670 562 under our guidance from 11<sup>th</sup> September 2023 to 18<sup>th</sup> September 2023.

The student has shown keen interest and initiative during the training.

  
HoD (Personnel & Admin)



  
Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



भारत सरकार  
अन्तरिक्ष विभाग  
विक्रम साराभाई अन्तरिक्ष केन्द्र  
तिरुवनन्तपुरम - 695 022, भारत  
दूरभाष : 0471-2564042/2564992  
फैक्स : 0471-2564992



Government of India  
Department of Space  
**Vikram Sarabhai Space Centre**  
Thiruvananthapuram - 695 022, India  
Telephone : 0471-2564042/2564992  
Fax : 0471-2564992

मानव संसाधन विकास प्रभाग  
HUMAN RESOURCE DEVELOPMENT DIVISION

No. 45/1/2023

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Thejasree T. K., 6<sup>th</sup> Semester, B Tech Electronics & Communication Engineering student at Sree Narayana Guru College of Engineering & Technology, Payyanur has successfully completed internship during the period from 16<sup>th</sup> May 2023 to 07<sup>th</sup> June 2023 at Mechanisms & Vehicle Integration Testing Entity (MVIT) of VSSC under the guidance of Shri. Jathish I. K., Sci/Engr. SF, ATMD/CSOG/MVIT.

डॉ. श्रीलता पी/Dr. Sreelatha P  
प्रधान, एचआरडीडी/Head, HRDD

Place: Thiruvananthapuram  
Date : 13-06-2023

  
Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR

भारत सरकार  
अन्तरिक्ष विभाग  
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तिरुवनन्तपुरम - 695 022, भारत  
दूरभाष : 0471-2564042/2564992  
फैक्स : 0471-2564992



Government of India  
Department of Space  
**Vikram Sarabhai Space Centre**  
Thiruvananthapuram - 695 022, India  
Telephone : 0471-2564042/2564992  
Fax : 0471-2564992

मानव संसाधन विकास प्रभाग  
HUMAN RESOURCE DEVELOPMENT DIVISION

No. 45/1/2023

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This is to certify that Ms. Thejasree T. K., 6<sup>th</sup> Semester, B Tech Electronics & Communication Engineering student at Sree Narayana Guru College of Engineering & Technology, Payyanur has successfully completed internship during the period from 16<sup>th</sup> May 2023 to 07<sup>th</sup> June 2023 at Mechanisms & Vehicle Integration Testing Entity (MVIT) of VSSC under the guidance of Shri. Jathish J. K., Sci/Engr. SE, ATMD/CSOG/MVIT.

डॉ. श्रीलता पी / Dr. Sreelatha P  
प्रधान, एचआरडीडी / Head, HRDD

Place: Thiruvananthapuram  
Date : 13-06-2023

  
Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



TM22IOT1024



## INTERNSHIP CERTIFICATE

This is to certify that

**Haneena Sulthana**

of

**SREE NARAYANA GURU COLLEGE OF ENGINEERING &  
TECHNOLOGY**

has successfully completed a **5 day Internship in Embedded Systems & IOT** from 12<sup>th</sup> October 2022 to 16<sup>th</sup> October 2022. During this period she got exposed to industry-relevant softwares like Arduino IDE and actively participated in hands-on exercises.

26-10-2022

Date



**Deepak Rajan**  
Founder & CEO  
Technmaghi



**DR. LEENA A. V.**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
KANNUR



Recognized by





TECHMAGHI



## INTERNSHIP CERTIFICATE

This is to certify that

**MEGHANA GANGADHARAN**

of

**SREE NARAYANA GURU COLLEGE OF ENGINEERING &  
TECHNOLOGY**

has successfully completed a **5 day Internship in Embedded Systems & IOT** from 12<sup>th</sup> October 2022 to 16<sup>th</sup> October 2022. During this period she got exposed to industry-relevant softwares like Arduino IDE and actively participated in hands-on exercises.

26-10-2022

Date



**Deepak Rajan**  
Founder & CEO  
Techmaghi

**DR. LEENA A. V.**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PATTANUR  
KANNUR

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#startupindia





TM22IOT1020



## INTERNSHIP CERTIFICATE

This is to certify that

**Fathima Nasla. M. V**

of

**SREE NARAYANA GURU COLLEGE OF ENGINEERING &  
TECHNOLOGY**

has successfully completed a **5 day Internship in Embedded Systems & IOT** from 12<sup>th</sup> October 2022 to 16<sup>th</sup> October 2022. During this period she got exposed to industry-relevant softwares like Arduino IDE and actively participated in hands-on exercises.

26-10-2022

Date



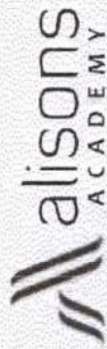
**Deepak Rajan**  
Founder & CEO  
Techmaghi

**DR. LEENA A. V.**  
PRINCIPAL,  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, KANNUR

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# CERTIFICATE OF

## INTERNSHIP

*awarded to*

*Keerthana.C.V*

### Sree Narayana Guru College of Engineering and Technology

In recognition to his/her participation in 5 days internship program on  
**IoT Embedded Systems** conducted by **Alisons Academy**  
from **02.05.2023 to 06.05.2023**

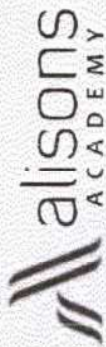
Date: 08.05.2023  
Cert.id: ALS3215



Manager

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
KANNUR





# CERTIFICATE OF

INTERNSHIP

awarded to

*Mariyambi*

**Sree Narayana Guru College of Engineering and Technology**

In recognition to his/her participation in 5 days internship program on  
***IoT Embedded Systems*** conducted by ***Alisons Academy***  
from **02.05.2023 to 06.05.2023**

Date: 08.05.2023

Cert.id: ALS3215

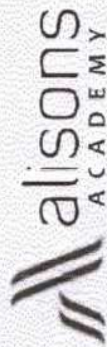


A handwritten signature in black ink.

Manager

DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
KANNUR





# CERTIFICATE OF

INTERNSHIP

*awarded to*

*Sanishma Sachithanand*

**Sree Narayana Guru College of Engineering and Technology**

In recognition to his/her participation in 5 days internship program on

***IoT Embedded Systems*** conducted by ***Alisons Academy***

from **02.05.2023 to 06.05.2023**

Date: 08.05.2023

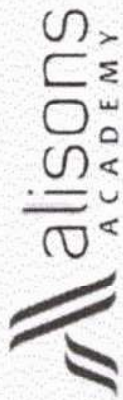
Cert.id: ALS3215



Manager

DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PATTANUR  
KANNUR





# CERTIFICATE OF

## INTERNSHIP

awarded to

*Arjun Ashok.K*

**Sree Narayana Guru College of Engineering and Technology**

In recognition to his/her participation in 5 days internship program on  
**IoT Embedded Systems** conducted by **Alisons Academy**  
from **02.05.2023 to 06.05.2023**

Date: 08.05.2023  
Cert.id: ALS3215

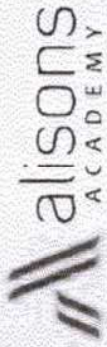


*Dr. Leena A. V.*

DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PATTANUR  
KANNUR

Manager





# CERTIFICATE OF

## INTERNSHIP

*awarded to*

*Jithin Sasidharan. S. V*

**Sree Narayana Guru College of Engineering and Technology**

In recognition to his/her participation in 5 days internship program on

***IoT Embedded Systems*** conducted by ***Alisons Academy***

from **02.05.2023 to 06.05.2023**

Date: 08.05.2023

Cert.id: ALS3215



A handwritten signature in blue ink, likely of the Principal, Dr. Leena A. V.

A handwritten signature in black ink, likely of the Manager.

Dr. LEENA A. V.

PRINCIPAL

Manager

SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, KANNUR





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI829

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that DEEPNA C, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

  
\_\_\_\_\_  
**ABHI KRISHNA H**  
CEO



\_\_\_\_\_  
**SEAL**

  
\_\_\_\_\_  
**Dr. LEENA A. V.**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI834

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that ASWATHI P P, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

ABHI KRISHNA H  
CEO

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



SEAL





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI818

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that HRUDHUL RAGH, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

ABHI KRISHNA H  
CEO

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



SEAL

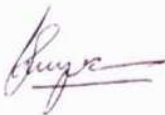
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## CERTIFICATE OF **INTERNSHIP COMPLETION**

This Certification is proudly presented to :

**VYSHAK UMESHAN**

For successfully completing 5-months internship  
as Full-stack Web Developer, working on multiple  
industry level projects.



**Shaurya Sinha**

Co-Founder



**15th Sep 2022 - 15th Jan 2023**

Duration


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**www.devtown.in**

We strive to cultivate a change in the current learning strategies of students and incorporate a reasonable methodology to make our interns future-prepared with a good knowledge of practical experience by making them create projects in their respective fields. We believe that you will appreciate the learning excursion and shape your future with us.

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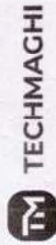
 /DevTownIndia



**Dr. LEENA A. V.**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYANUR  
KANNUR



IF22090766



## INTERNSHIP CERTIFICATE

This is to certify that

**Fathimathu Sahala Beevi**

of

**SREE NARAYANA GURU COLLEGE OF ENGINEERING &**

has successfully completed a 5 day internship in the field of **Machine Learning for Engineers** from 5<sup>th</sup> September 2022 to 10<sup>th</sup> September 2022. During this period he/she got exposed to industry relevant softwares like

R, Excel etc., and actively participated in hands-on exercises.

17-09-2022

Date



**Deepak Rajan**  
Founder & CEO  
Techmaghi

D. LEENA A.V.  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PATTAMKULAM  
KANNUR

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**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

**TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA**

**SL NO: TORCAI828**

## **TO WHOMSOEVER IT MAY CONCERN**

**This is to certify that KEERTHANA C V, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.**

**We wish her every success in all future endeavours.**

**ABHI KRISHNA H  
CEO**



**SEAL**

**DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING AND TECHNOLOGY, PAYYANUR**





**TORC INFOTECH**

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**TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA**

**SL NO: TORCAI838**

## **TO WHOMSOEVER IT MAY CONCERN**

**This is to certify that NILEENA C, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.**

**We wish her every success in all future endeavours.**

**ABHI KRISHNA H  
CEO**



**SEAL**

**SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR**





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI805

## TO WHOMSOEVER IT MAY CONCERN


This is to certify that AMAL M V, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

  
ABHI KRISHNA H  
CEO



SEAL

  
DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI807

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that ABHIJITH A, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.



  
ABHI KRISHNA H  
CEO

SEAL

  
DALEENA A.V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI802

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that AKASH SUNILKUMAR, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

ABHI KRISHNA H  
CEO



SEAL

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





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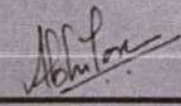
TORC INFOTECH  
PRIVATE LIMITEDTORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI803


## TO WHOMSOEVER IT MAY CONCERN

This is to certify that MUHAMMED ANSAR SAFER, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

  
\_\_\_\_\_  
ABHI KRISHNA H  
CEO

SEAL

  
\_\_\_\_\_  
DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING AND TECHNOLOGY  
PAYYANUR





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI814

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that K ATHUL, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

  
\_\_\_\_\_  
**ABHI KRISHNA H**  
CEO



  
\_\_\_\_\_  
**SEAL**

**DR. LEENA A. V.**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





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TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI810

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that ABHIRAM A V, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

**ABHI KRISHNA H  
CEO**



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ENGINEERING AND TECHNOLOGY, PAYYANUR  
KANNUR





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI822

## TO WHOMSOEVER IT MAY CONCERN

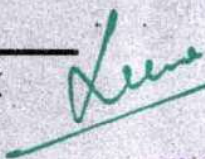
This is to certify that SNEHA E, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

  
ABHI KRISHNA H  
CEO



SEAL

  
Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
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OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI817

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that SREERAJ S N, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

  
**ABHI KRISHNA H**  
CEO

  
**SEAL**



**SEENA A N**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





**TORC INFOTECH**

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TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI831

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that HAMNA SHERIN, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

**ABHI KRISHNA H**  
CEO



**SEAL**

DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI837

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that SAFA A K, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

**We wish her every success in all future endeavours.**

**ABHI KRISHNA H**  
**CEO**



**SEAL**

**DR. LEENA A. V.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





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PRIVATE LIMITEDTORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI835

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that FATHIMATHUL FAMEENABI P V, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

ABHI KRISHNA H  
CEO

SEAL

DR. LEENA A. M.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR





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TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI833

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that ASWATHI P I, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

  
ABHI KRISHNA



SEAL



DR. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR

01-12-2022





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OLD ROAD, KALAMASSERY  
KOCHI, KERALA

Sl. NO: TORCA1820

## TO WHOMSOEVER IT MAY CONCERN


This is to certify that MOHAMMED RAZI HAMZA, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

  
ABHI KRISHNA H  
CEO



SEAL

  
DR. LEEMA A.V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI823

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **GOPIKA PRAMOD KUMAR**, a student of **SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR**, has completed 7 days of Internship Training in **ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0** from October 14, 2022 at **TORC INFOTECH PVT LTD, Kochi**. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

**ABHI KRISHNA H**  
CEO



**SEAL**





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

**TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA**

SL NO: TORCAI840

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that ANJALI M, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

**ABHI KRISHNA H  
CEO**



**SEAL**

**DR. LENA A. V.  
PRINCIPAL**





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
DED ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCA182

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that HIMA MURALI K, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

ABHI KRISHNA H  
CEO



SEAL

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

**TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA**

**SL NO: TORCAI827**

## **TO WHOMSOEVER IT MAY CONCERN**

**This is to certify that RIYA RAJESH, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.**

**We wish her every success in all future endeavours.**

**ABHI KRISHNA H  
CEO**



**SEAL**

**SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR**





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI824

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that ANAGHA ANILKUMAR, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

**ABHI KRISHNA H**  
CEO



**SEAL**

SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





TORC INFOTECH

TORC INFOTECH  
PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI805

TO WHOMSOEVER IT MAY CONCERN

This is to certify that AMAL M V, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

ABHI KRISHNA H  
CEO



SEAL



# TORC INFOTECH PRIVATE LIMITED



TORC INFOTECH

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI806

## TO WHOMSOEVER IT MAY CONCERN


This is to certify that AATHISH R, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

  
ABHI KRISHNA H  
CEO



SEAL

  
A. V. SREE NARAYANA  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING AND TECHNOLOGY, PAYYANUR  
KANNUR





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI808

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that ANURAG M T, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

ABHI KRISHNA H  
CEO



SEAL

DR. LEENA A.V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI815

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that G P THRISHNA, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

ABHI KRISHNA H  
CEO



SEAL

Dr. LEENA A. V.  
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

**TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA**

**SL NO: TORCAI830**

## **TO WHOMSOEVER IT MAY CONCERN**

**This is to certify that NANDANA M V, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.**

**We wish her every success in all future endeavours.**

**ABHI KRISHNA H  
CEO**



**SEAL**





**TORC INFOTECH**

# **TORC INFOTECH PRIVATE LIMITED**

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCAI826

## **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that DILNA P, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

**ABHI KRISHNA H  
CEO**



**SEAL**

*Leena*  
DR. LEENA A.V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





TORC INFOTECH

# TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH  
OLD ROAD, KALAMASSERY  
KOCHI, KERALA

SL NO: TORCA1825

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that AARDRA PRASANTH, a student of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR, has completed 7 days of Internship Training in ARTIFICIAL INTELLIGENCE with INDUSTRIAL 4.0 from October 14, 2022 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found her a sincere, honest, hardworking, and dedicated student with a professional attitude. She is proactive and is constantly looking to improve her skill set. We also observed that she is skilled at her job.

We wish her every success in all future endeavours.

ABHI KRISHNA H  
CEO



SEAL

PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



This is to certify that

**Anupam K V**

**Sree Narayana Guru College of Engineering & Technology, Payyanur**

has successfully completed one week internship on

**Data Science**

conducted by Pace Lab, Kochi from 12th September to  
16th September, 2023

**Rajath Navas**  
Chief Executive Officer  
PACE LAB

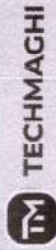


Dr. L. J. A. M.  
Sree Narayana Guru College of  
Engineering & Technology, Payyanur

2023/EKM/1206



IF22090361



## INTERNSHIP CERTIFICATE

This is to certify that

**SARANG V**

of

**Sree Narayana Guru College of Engineering and Technology**

has successfully completed a 5 day internship in the field of **Machine Learning For Engineers** from 5<sup>th</sup> September 2022 to 10<sup>th</sup> September 2022. During this period he/she got exposed to industry relevant softwares like Matlab -

Simulink and actively participated in hands-on exercises.

17-09-2022

Date



**Deepak Rajan**  
Founder & CEO  
Techmaghi

Recognized by



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Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLL.  
ENGINEERING & TECHNOLOGY  
KANNUR



IF22090309



## INTERNSHIP CERTIFICATE

This is to certify that

**Muhammed Thajudheen**

of

**SREE NARAYANA GURU COLLEGE OF ENGINEERING &**

has successfully completed a 5 day internship in the field of **Machine Learning for Engineers** from  
5<sup>th</sup> September 2022 to 10<sup>th</sup> September 2022. During this period he/she got exposed to industry relevant softwares like  
R, Excel etc., and actively participated in hands-on exercises.

17-09-2022

Date



**Deepak Rajan**  
Founder & CEO  
Techmaghi



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STARTUP MISSION

**Dr. LEENA A. V.**  
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, KOTTAYAM  
KARNUR



TM22AP1240



## INTERNSHIP CERTIFICATE

This is to certify that

**Jerlitt Visal**

of

**SREE NARAYANA GURU COLLEGE OF ENGINEERING &  
TECHNOLOGY**

has successfully completed a 5 day internship in the field of **Android App Development** from 28<sup>th</sup> September 2022 to 2<sup>nd</sup> October 2022. During this period he got exposed to industry-relevant softwares like

Android Studio, IntelliJ, etc, and actively participated in hands-on activities.

07-10-2022

Date



**Deepak Rajan**  
Founder & CEO  
Techmaghi



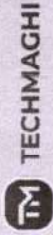
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**Dr. LEENA A. V.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, KANNUR



IF22090766



## INTERNSHIP CERTIFICATE

This is to certify that

**Safa Fathima**

of

**SREE NARAYANA GURU COLLEGE OF ENGINEERING &**

has successfully completed a 5 day internship in the field of **Machine Learning for Engineers** from  
**5<sup>th</sup> September 2022 to 10<sup>th</sup> September 2022**. During this period he/she got exposed to industry relevant softwares like  
 R, Excel etc., and actively participated in hands-on exercises.

17-09-2022

Date



**Deepak Rajan**  
 Founder & CEO  
 Techmaghi

Recognized by



*DR. LEENA A. V.*  
 SREE NARAYANA GURU COLLEGE OF  
 ENGINEERING & TECHNOLOGY, PANNUR  
 KANNUR





# TECHBYHEART

Reg. Office: 54/2967 B1 1st Floor Kohinoor Building Temple Road  
Elamkulam, PO, Kadavanthra, Kochi, Kerala 682020, Tel No: 9074 027 038

Ref:TBH/INT/CEH/2023-2024/114/03

Date: 29/05/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Gokul A** a student of Sree Narayana Guru College of Engineering and Technology, Payyanur has successfully completed an internship program on Cyber Security and Ethical Hacking from 15<sup>th</sup> May 2023 to 29<sup>th</sup> May 2023 at Techbyheart.

We found him extremely inquisitive and hardworking. He was very much interested in learning the functions of our core division and also willing to put his best efforts and get into the depth of the subjects to understand it better.

We wish him every success in life.

**For Techbyheart!**



**Human Resource**

Dr. LEENA A. M.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# TECHBYHEART

Reg. Office: 54/2967 B1 1st Floor Kohinoor Building Temple Road  
Elamkulam, PO, Kadavanthra, Kochi, Kerala 682020, Tel No: 9074 027 038

Ref: TBH/INT/CEH/2023-2024/114/04

Date: 29/05/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Arjun M** a student of Sree Narayana Guru College of Engineering and Technology, Payyanur has successfully completed an internship program on Cyber Security and Ethical Hacking from 15<sup>th</sup> May 2023 to 29<sup>th</sup> May 2023 at Techbyheart.

We found him extremely inquisitive and hardworking. He was very much interested in learning the functions of our core division and also willing to put his best efforts and get into the depth of the subjects to understand it better.

We wish him every success in life.

**For Techbyheart!**



**Human Resource**

**DR. LEENA A. V.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# TECHBYHEART

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Elamkulam, PO, Kadavanthra, Kochi, Kerala 682020, Tel No: 9074 027 038

Ref:TBH/INT/CEH/2023-2024/114/06

Date: 29/05/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Abhinav A V** a student of Sree Narayana Guru College of Engineering and Technology, Payyanur has successfully completed an internship program on Cyber Security and Ethical Hacking from 15<sup>th</sup> May 2023 to 29<sup>th</sup> May 2023 at Techbyheart.

We found him extremely inquisitive and hardworking. He was very much interested in learning the functions of our core division and also willing to put his best efforts and get into the depth of the subjects to understand it better.

We wish him every success in life.

**For Techbyheart!**



**Human Resource**

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# TECHBYHEART

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Elamkulam, PO, Kadavanthra, Kochi, Kerala 682020, Tel No: 9074 027 038

Ref: TBH/INT/CEH/2023-2024/114/05

Date: 29/05/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Viswajeeth P** a student of Sree Narayana Guru College of Engineering and Technology, Payyanur has successfully completed an internship program on Cyber Security and Ethical Hacking from 15<sup>th</sup> May 2023 to 29<sup>th</sup> May 2023 at Techbyheart.

We found him extremely inquisitive and hardworking. He was very much interested in learning the functions of our core division and also willing to put his best efforts and get into the depth of the subjects to understand it better.

We wish him every success in life.

*For Techbyheart!*



Human Resource

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# TECHBYHEART

Reg. Office: 54/2967 B1 1st Floor Kohinoor Building Temple Road  
Elamkulam, PO, Kadavanthra, Kochi, Kerala 682020, Tel No: 9074 027 038

Ref: TBH/INT/CEH/2023-2024/114/01

Date: 29/05/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Rehan P** a student of Sree Narayana Guru College of Engineering and Technology, Payyanur has successfully completed an internship program on Cyber Security and Ethical Hacking from 15<sup>th</sup> May 2023 to 29<sup>th</sup> May 2023 at Techbyheart.

We found him extremely inquisitive and hardworking. He was very much interested in learning the functions of our core division and also willing to put his best efforts and get into the depth of the subjects to understand it better.

We wish him every success in life.

**For Techbyheart!**



Human Resource

Dr. LEENA A. V.  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# TECHBYHEART

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Elamkulam, PO, Kadavanthra, Kochi, Kerala 682020, Tel No: 9074 027 038

Ref:TBH/INT/CEH/2023-2024/114/02

Date: 29/05/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Sreeraj S N** a student of Sree Narayana Guru College of Engineering and Technology, Payyanur has successfully completed an internship program on Cyber Security and Ethical Hacking from 15<sup>th</sup> May 2023 to 29<sup>th</sup> May 2023 at Techbyheart.

We found him extremely inquisitive and hardworking. He was very much interested in learning the functions of our core division and also willing to put his best efforts and get into the depth of the subjects to understand it better.

We wish him every success in life.

**For Techbyheart!**



**Human Resource**

**DR. LEENA A. V.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# TECHBYHEART

Reg. Office: 54/2967 B1 1st Floor Kohinoor Building Temple Road  
Elamkulam, PO, Kadavanthra, Kochi, Kerala 682020, Tel No: 9074 027 038

Ref: TBH/INT/CEH/2023-2024/96/01

Date: 20/05/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Anirudh** a student of Sree Narayana Guru College of Engineering and Technology, Payyanur has successfully completed an internship program on Cyber Security and Ethical Hacking from 10<sup>th</sup> May 2023 to 20<sup>th</sup> May 2023 at Techbyheart.

We found him extremely inquisitive and hardworking. He was very much interested in learning the functions of our core division and also willing to put his best efforts and get into the depth of the subjects to understand it better.

We wish him every success in life.

**For Techbyheart!**



**Human Resource**

**DALEENA A. V.**  
**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# **Sree Narayana Guru College of Engineering & Technology**

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



## INTERNSHIP REPORT



**SREE NARAYANA GURU COLLEGE OF ENGINEERING &  
TECHNOLOGY**



**INTERNSHIP REPORT**

*An internship Report submitted in partial fulfilment of the requirement for the  
evaluation process*

*Of*

**BACHELOR OF TECHNOLOGY**


*In*

**CIVIL ENGINEERING**

*Submitted by*

**AKSHAYA P V (Reg.No: SNC20CE002)**

**DEPARTMENT OF CIVIL ENGINEERING**

  
**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



## CONTENTS

TITLE	PAGE NO
INTRODUCTION	1
DAY 1	2
DAY 2	3
DAY 3	4
DAY 4	5
DAY 5	6



**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



## INTRODUCTION

Engineering is the professional art of applying science to the optimum conversion of the resources of the nature to benefit man. As a career oriented applied education, Civil Engineering students internship program bridges the gap between theory and practise and provide students with practical, field based and real world experiences during their years of study.

Internship program is an opportunity for the students as a site engineer to supervise the construction work closely as a Design

Engineer to use software programs. In practical training, one learns to determine quantities of materials and learn the important rule of engineer's life i.e. "Think Globally but Act Locally".

AIM- The aim of this report is to apprise concerned tutor about the practical experience gained by students from ongoing internship activities.

Duration of training -

Internship program started from date :- 22/10/2022 to 29/10/2022

Internship done under -

NIRMITHI KENDRA THALASSERY



## DAY 1 - VELLUR VILLAGE OFFICE SITE

Village office work using dust quality laterite stone. Cement motor sand or Plastering sand. Vitrified tile is used for floor finishing This tiles harden and become weatherproof, so use them both indoors and outdoors. The dimension of the vitrified tile is 600 mm x 600 mm.

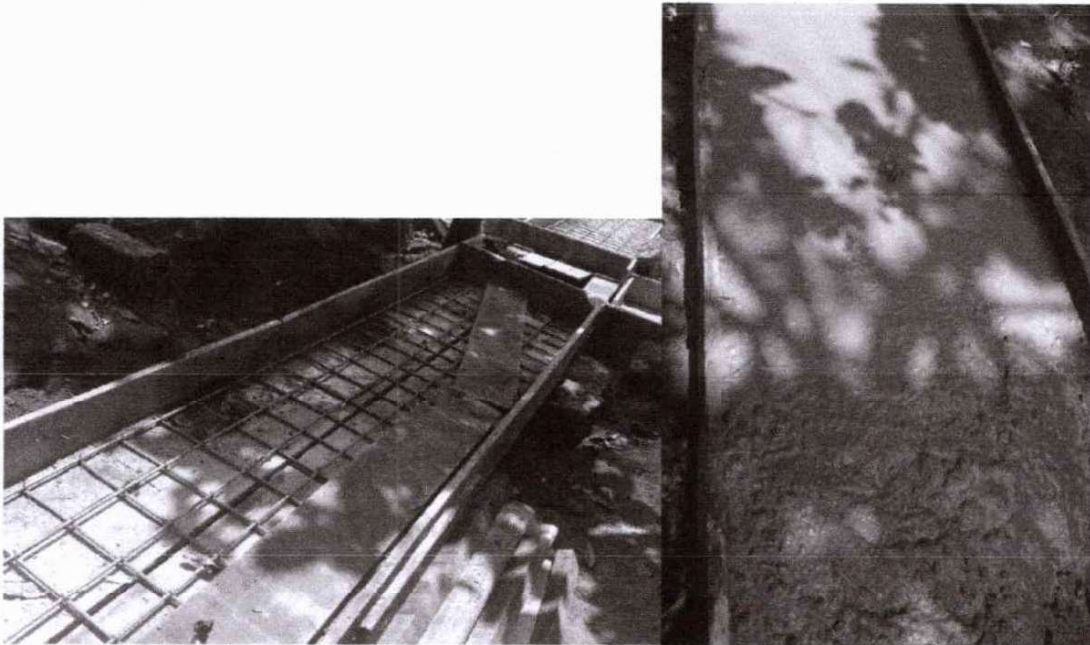
Compound wall constructed using laterite stone. The laterite stones as such do not come in a defined dimension. The size of the laterite stone block varies depending upon the locality, cutting Process. The available sizes below 15" x 9" x 6" etc. The laterite stone for Wall 300 x 150 x 20mm. Pillar is made to give support for compound wall and the pillar gap dimension is 3m.





## DAY 2 - KOOKANAM DRAINAGE

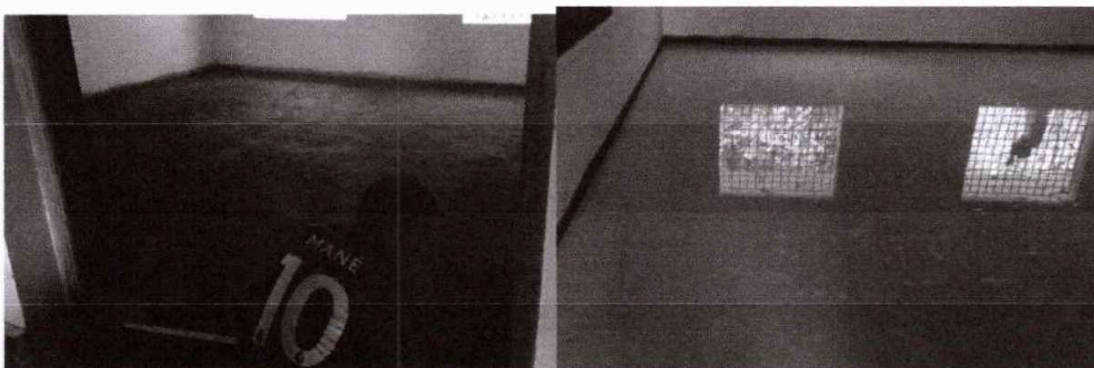
In a drainage construction work, the Plain cement Concrete (PCC) is used to the base. The width of the base of drainage is 90cm and the ratio is 1:5:10. The thickness of the slab is 10 cm. The column of the drainage used to constructed by PCC. The thickness of the column is 20cm and the wall height is 40 cm. The distance between the walls are 50 cm. The cover slab of the drainage is constructed by Reinforced cement concrete. (RCC). The thickness of the cover slab is 20mm. The mild steel is used at 10mm bar. When the water content is increases the strength is decreases.





## DAY 3 - MATHAMANGALAM GLP SCHOOL TILE WORK

The tiling steps is a unique way to brighten up a hallway or out door area, here we provide a Practical solution to help it. In wall work the Ceramic tile is used. and the floor work is used Vitrified tile. First measure the area. Measure length and width of each step are going to tile with tape measure, don't forget to include the vertical length of the risers, these are the back Surfaces that make the stairs ascend, Facing your Feet. The concrete must be at least 6 weeks old to enable movement, caused by drying shrinkage, to have taken place. The concrete must be flat, clean, dry and Free from dust. Internal wooden stairs is the next work for tiling. Tiles can be fixed to almost all flooring substrates as long as they are properly prepared. The floor must suitably level. As well as removing the deflection from the stairs you may need to reinforce the stairs themselves to handle the additional weight of the tiles. The next step is grouting. The matching Silicone available to complete the perimeter expansion Joint. Next clean the tiles.





## **DAY 4 - MATHAMANGALAM GLP SCHOOL COMPOUND WALL WORK**

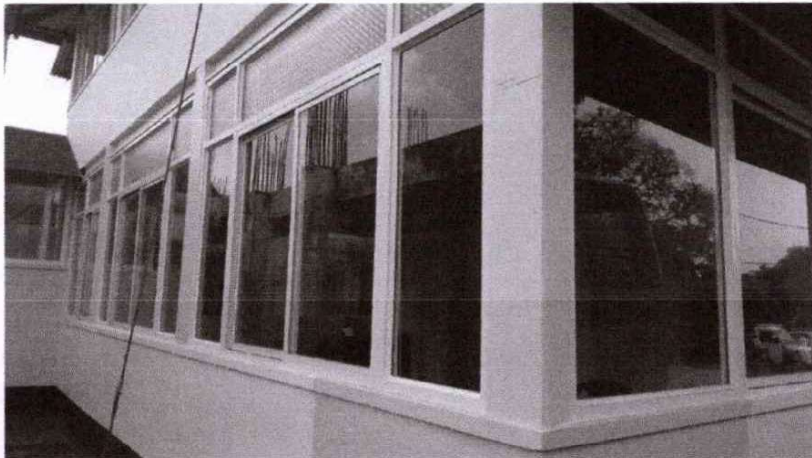
The masonry compound wall is the most used one now a days. The laterite masnory are used For the work. The first step in constructing a compound wall is defining the boundary. Setout is done to mark the property boundary. Then the earth excavation is done. This is followed by a RCC belt. Next step is to do the block work. The wall will be adversely impacted if the length of the wall exceeds 8 Feet. Therefor pillars are needed in between the wall. So provide pillars at a gap of every 8 Feet. The normal height of a compound wall is 4 Ft - 6 Ft. The wall is then painted.





## **DAY 5 - TALUK HOSPITAL PAZHAYANGADI GLASS WORK**

The structural glazing work is done. It is the innovative building material that takes advantage of all modern technology has to offer. The specially reinforced glass used is strong enough to walk on and bear its own weight, and the flexible silicone adhesive provides a smooth. The ACP cladding system is used. ACP panels are typically 4mm to 6mm thick and consist of core material between two thin layers of Aluminium. The core is generally 3mm to 5mm thick with the Aluminium sheets each at 0.5 mm thick. ACP means Aluminium composite panel. It is used building front elevation. It contains durability, weather and strain-resistant



# Internship Report:

# TECHBYHEART

**Name:** Anirudh Shaji, Abhinav A V, Rehan P, Viswajeeth P, Sreeraj SN, Gokul A, Arjun M

**College:** Sree Narayana Guru College of Engineering & Technology

**Degree Program:** B-Tech in Computer Science Engineering

**Internship Duration:** 2 weeks



**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



# Table of Contents

1. Introduction
2. Company Overview
3. Objective
4. Learning Outcomes
  - 1) Professional Growth
  - 2) Academic Relevance
  - 3) Personal Reflection
5. Conclusion



**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR

# 1. Introduction

The growing importance of cyber security in safeguarding digital assets and information has always fascinated me. Opting for an internship at TechbyHeart, a pioneer in cyber security solutions in Ernakulam, was a deliberate step towards actualizing my career aspirations in this domain.

At its core, TechbyHeart is driven by a passion for creating a safer digital world. The firm leverages cutting-edge technologies and methodologies to stay ahead of cybercriminals, ensuring that their clients' digital assets are protected against the ever-evolving landscape of cyber threats. TechbyHeart's commitment to excellence is evident in their proactive approach to cyber security, continuous learning and adaptation to new challenges, and dedication to client education and empowerment. By fostering a culture of innovation and ethical responsibility, TechbyHeart not only secures digital infrastructures but also contributes to the global effort in advancing cyber security awareness and best practices.



## 2: Company Overview

TechbyHeart, headquartered in Ernakulam, has carved out a reputation as a trailblazer in the field of cyber security and ethical hacking. This esteemed organization is distinguished by its unwavering commitment to providing cutting-edge security solutions, designed to protect businesses and individuals in the digital age. With a rich heritage of innovation and a forward-thinking approach, TechbyHeart is dedicated to staying ahead of the curve in identifying and neutralizing cyber threats.

Founded by a team of visionary tech enthusiasts, TechbyHeart has grown exponentially, thanks to its adeptness at merging traditional security principles with avant-garde technologies. The company specializes in a broad spectrum of services, including but not limited to vulnerability assessments, penetration testing, security consulting, and the development of comprehensive cyber defense strategies. Its client base spans various sectors, underscoring TechbyHeart's versatility and expertise in addressing unique security challenges. TechbyHeart's impact extends beyond its immediate client engagements. The company is an active participant in the broader cyber security community in Ernakulam and beyond, contributing to initiatives aimed at raising awareness and educating the public about the importance of digital safety. Through its endeavors, TechbyHeart not only secures digital assets but also contributes to building a more secure and resilient digital ecosystem.

# 3. Objectives

## 1. Comprehensive Skill Development

- To acquire and enhance technical skills in areas such as vulnerability assessments, penetration testing, network security, and encryption.
- To understand the use and application of various cybersecurity tools and software.

## 2. Real-World Application and Experience

- To gain hands-on experience by working on live projects, under the guidance of experienced professionals, and contribute to safeguarding digital assets against cyber threats.
- To apply theoretical knowledge in practical settings, enhancing understanding of cyber risk management and security protocols.

## 3. Professional and Ethical Growth

- To develop a strong ethical foundation necessary for conducting cybersecurity practices, emphasizing the importance of lawful and ethical hacking.
- To cultivate professional skills, including problem-solving, teamwork, and effective communication.

## Industry Insights and Trends

- To gain insights into the latest trends, challenges, and advancements in the cybersecurity industry.



- To learn about the regulatory and compliance landscape affecting cybersecurity practices.

### **5. Networking and Career Opportunities**

- To build a professional network by interacting with experts and professionals in the field of cybersecurity.
- To explore career opportunities within TechbyHeart and the broader cybersecurity industry..

## **4. Learning Outcomes**

At Techbyheart, the learning outcomes of cybersecurity encompass acquiring expertise in safeguarding digital assets against cyber threats. Trainees gain skills in Vulnerability Assessment and Penetration Testing (VAPT), understanding the nuances of Cyber Forensics Investigation, and developing strategies for Threat Intelligence. The curriculum is designed to enhance knowledge in Security Assessment, Compromise Assessment, Incident Response, and Cloud Security. These comprehensive training modules aim to empower individuals with the ability to protect online environments effectively, equipping them with the necessary tools and methodologies to anticipate and counteract potential cyber risks applications for real-world scenarios. We learned how to collaborate effectively with team

members, communicate technical concepts, and adapt to the fast-paced and collaborative work environment of a tech company.

## 5. Conclusion

The internship program on cybersecurity at Techbyheart is designed to equip participants with hands-on skills and knowledge to tackle real-world cyber threats. Through a comprehensive curriculum that includes Vulnerability Assessment, Penetration Testing, Cyber Forensics, and more, interns emerge ready to address and prevent cyber risks. This program not only enhances technical abilities but also fosters a proactive approach to cybersecurity, making it an invaluable experience for those looking to excel in the field.



**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



# Internship Report:

# TECHMAGHI

**Name:** Sarang V, Muhammed Thajudheen, Jerlitt Visal,  
Anupam KV

**College:** Sree Narayana Guru College of Engineering &  
Technology

**Degree Program:** B-Tech in Computer Science Engineering

**Internship Duration:** 5 days



Dr. LEENA A V  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR

# Table of Contents

1. Introduction
2. Company Overview
3. Internship Experience
  - 1) Roles and Responsibilities
  - 2) Challenges
4. Learning Outcomes
  - 1) Professional Growth
  - 2) Academic Relevance
  - 3) Personal Reflection
5. Conclusion



**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



# 1. Introduction

The company's primary focus lies in the core engineering fields, equipping individuals with the skills and knowledge necessary to excel in competitive job market. They are an Ed-Tech startup which focuses mainly on helping people upgrade their skills with the help of technology and expertise by combining the magic of both online and offline learning. They have trained more than 25000 students in the past 8 months and were able to associate with many reputed institutes across the country, including many IITS and NITS.

The objectives for this internship were to gain hands-on experience in software development, understand the practical applications of gained academic knowledge, and develop professional skills in a real-world setting.

## 2. Company Overview

Techmaghi was established in the year 2021, with an objective of providing solutions to young aspirants the required skill training with various ed-tech facilities.

Techmaghi helps in providing live internship for students that give them a hands on experience that complements their academic journey. The company aims at providing a practical experience that can enhance your journey towards fulfilling career opportunities.

The company's primary focus lies in the core engineering fields, equipping individuals with the skills and knowledge necessary to excel in competitive job market.



# 3. Internship Experience

We are excited to share our internship experience as participants in the Machine Learning for Engineers internship and Android App development internship programs at Techmaghi. We had the opportunity to immerse ourselves in the world of machine learning, gaining hands-on experience and invaluable insights into applying ML techniques to engineering problems and understanding the methods for Android App development.

## 3.1 Roles and Responsibilities

As interns in the Machine Learning for Engineers program, we were entrusted with various responsibilities aimed at applying machine learning concepts to engineering challenges. Our roles included:

- Collecting, preprocessing, and analyzing data sets relevant to engineering applications.
- Developing machine learning models using Python libraries such as TensorFlow and Scikit-learn.
- Collaborating with engineers and data scientists to design and implement ML solutions for real-world engineering problems.
- Evaluating model performance and iteratively refining algorithms to achieve desired outcomes.
- Documenting project progress, methodologies, and findings for internal and external stakeholders.

In the Android App Development Program, the roles and responsibilities were aimed at developing practical skills in Android app development while contributing to meaningful projects.

These included:

- Learning and applying fundamental concepts of Android app development, including UI/UX design, data storage, networking, and user authentication.
- Participating in workshops, coding bootcamps, and training sessions led by experienced Android developers to deepen understanding of Android development tools and frameworks.
- Collaborating with project teams to design, develop, and test Android applications for various use cases, industries, and target audiences.
- Implementing features, fixing bugs, and optimizing performance to ensure a smooth and seamless user experience across different Android devices and screen sizes.
- Contributing to code reviews, providing feedback, and learning from the feedback received to improve coding practices and software quality.

### **3.2. Challenges**

One significant challenge was adapting to the fast-paced development cycle and learning to manage our tasks efficiently within the sprint framework. Through mentorship and team collaboration, we improved our time management and agile development skills.



# **4. Learning Outcomes**

## **4.1. Practical Application**

Participating in the Machine Learning for Engineers internship program provided us with practical experience in applying machine learning techniques to real-world engineering problems. We gained insights in data preprocessing, feature engineering, model selection, and evaluation, equipping me with valuable skills for future roles in data-driven engineering.

## **4.2. Professional Development**

The mentorship and guidance we received during the internship contributed significantly to our professional growth and prepared us for future career opportunities in the field of Machine learning or App Development.

## **4.3. Personal Reflection**


The internship was an incredibly rewarding experience. It challenged us to step out of our comfort zone and adapt to a professional environment. We have gained not only technical skills but also a better understanding of career aspirations.

## **4.4. Industry-Relevant Experience**

The internship provided us with valuable industry-relevant experience, exposing us to the challenges and best practices associated with developing Android applications for real-world scenarios. We learned how to collaborate effectively with team members, communicate technical concepts, and adapt to the fast-paced and collaborative work environment of a tech company.

# 5. Conclusion

In conclusion, our internship experience in the Machine Learning for Engineers and Android App Development Program at Techmaghi was both rewarding and educational. The program provided us with invaluable opportunities to develop practical skills, work on meaningful projects, and gain industry-relevant experience. I am grateful for the support, mentorship, and guidance provided by the Techmaghi team, and I look forward to applying the knowledge and skills gained during my internship to future endeavors in the field of Machine learning and mobile app development .



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# **SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY**

(Affiliated to APJ Abdul Kalam Technological University and approved by AICTE New Delhi)



## **INTERNSHIP TRAINING**

**AT**

## **TORC INFOTECH PVT LTD**

Submitted in partial fulfillment for the award of the degree of Bachelor of  
Technology  
Of

APJ Abdul Kalam Technological University

Submitted by

**ABHINAV C**

**ASWATHI PP**

**HRUDHUL RAGH**

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# SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

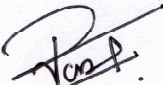
(Affiliated to APJ Abdul Kalam Technological University and approved by AICTE New Delhi)





DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## BONAFIED CERTIFICATE

This is to certify that Industrial Training at “**TORC Infotech PVT LTD** ” is a bonafide record of the work done by **ABHINAV C, ASWATHI PP, HRUDHUL RAGH** 5th semester **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING** towards the partial fulfillment for the award of the degree in **Bachelor of Technology** by APJ Abdul Kalam Technological University

  
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## ACKNOWLEDGEMENT

"It is not possible to prepare a project report without the assistance & Encouragement of other people. This one is certainly no exception."

First of all we would like to thank the almighty, whose blessings have made our endeavor a success.

We are extremely grateful to our dear Principal, Dr. LEENA A V, for providing us all the facilities for the completion of this Industrial Training.

Also, we would like to express our boundless gratitude to Mr. ABHILASH KRISHNAN T K, Head of the Department for her invaluable remarks and supervision.

With immense pleasure, we would like to express our heartiest gratitude to Mr. Vaishakh M Nayanar, tutor and , whose timely inputs and suggestions were most valuable. We express our wholehearted warm thanks for her guidance during the work.

Moreover, we are grateful to each and every staff of the Electrical and Electronics dept.

Finally, we thank our parents and friends for their help during our endeavor.



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## INDEX

- \* INTRODUCTION
- \* CHAPTER 1: INTENT OF AI LEARNING
- \* CHAPTER 2: LITERATURE REVIEW ON AI BASICS
- \* CHAPTER 3: THEORETICAL FOUNDATIONS OF AI
- \* CHAPTER 4: PRACTICAL IMPLEMENTATION TECHNIQUES
- \* CHAPTER 5: TOOLS AND FRAMEWORKS IN AI
- \* CHAPTER 6: APPLICATION OF AI IN VARIOUS DOMAINS
- \* CHAPTER 7: KEY LEARNING AND INSIGHTS
- \* CHAPTER 8: CHALLENGES ENCOUNTERED
- \* CHAPTER 9: FUTURE LEARNING DIRECTION
- \* CONCLUSION
- \* REFERENCE



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## INTRODUCTION

The Artificial Intelligence (AI) stands as the cornerstone of modern technological advancements, revolutionizing industries and reshaping the way we interact with machines. Its inception dates back to the mid-20th century, but it's within recent decades that AI has emerged as a driving force behind innovation, permeating various aspects of our daily lives. From self-driving cars to personalized recommendations on streaming platforms, AI has become omnipresent, shaping the future of human-machine interactions.

The essence of AI lies in its ability to imbue machines with cognitive abilities akin to human intelligence, enabling them to perceive their environment, learn from data, reason, and make decisions autonomously. This internship serves as a gateway into the realm of AI, delving deep into its foundational principles and applications to empower participants with a profound understanding of its intricacies.

Throughout this internship, participants embark on a journey to unravel the mysteries of AI, dissecting its underlying theories and methodologies. By exploring concepts such as machine learning, neural networks, natural language processing, and computer vision, participants gain insight into the inner workings of intelligent systems. They witness first-hand how algorithms evolve through training on vast datasets, adapting to complex patterns and making predictions with remarkable accuracy.

Moreover, this internship extends beyond theoretical discourse, offering practical experience in implementing AI algorithms using programming languages like Python and leveraging state-of-the-art frameworks such as Tensor Flow and PyTorch. Participants engage in hands-on projects, tackling real-world problems and honing their skills in data pre-processing, model training, and performance evaluation.

As AI continues to proliferate across industries, from healthcare to finance to entertainment, understanding its fundamentals becomes increasingly crucial.



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## INTENT OF LEARNING AI

The primary objective of this internship was meticulously crafted to serve as a robust foundation upon which participants could embark on their journey into the dynamic world of Artificial Intelligence (AI). At its core, the internship sought to instill a deep understanding of the foundational principles that underpin AI's remarkable capabilities. Through a structured curriculum, participants were guided through the intricate realms of machine learning, neural networks, natural language processing (NLP), and computer vision, each representing a crucial facet of AI's expansive landscape.

Machine learning, the cornerstone of AI, was explored in depth, unraveling the mechanisms through which algorithms learn from data to identify patterns, make predictions, and drive decision-making processes. Participants delved into supervised, unsupervised, and reinforcement learning paradigms, grasping the nuances of algorithmic optimization and model evaluation.

Neural networks emerged as a focal point of study, offering participants insight into the computational structures inspired by the human brain. Through hands-on exercises, participants constructed neural networks of varying complexity, exploring architectures such as convolutional neural networks (CNNs) for image recognition and recurrent neural networks (RNNs) for sequential data analysis.

Natural language processing (NLP) served as a gateway to understanding how machines interpret and generate human language. Participants ventured into the realms of sentiment analysis, text classification, and language generation, gaining a profound appreciation for the challenges and opportunities inherent in processing linguistic data.

The captivating field of computer vision captivated participants as they delved into techniques for extracting meaningful insights from visual data. From object detection to image segmentation, participants honed their skills in leveraging convolutional



## REVIEWING THE BASIC LITERATURES

The Literature Review phase of the internship served as the cornerstone for participants to delve into the rich tapestry of knowledge that underpins the field of Artificial Intelligence (AI). Through a comprehensive exploration of seminal works, contemporary research, and futuristic projections, participants embarked on a journey through the annals of AI history, tracing its evolution from theoretical conjecture to practical application.

The literature review commenced with an exploration of seminal works, delving into foundational texts that laid the groundwork for modern AI. Participants immersed themselves in the pioneering research of luminaries such as Alan Turing, John McCarthy, and Marvin Minsky, whose ground breaking contributions paved the way for the emergence of AI as a distinct discipline. By dissecting seminal papers and seminal concepts such as the Turing Test, participants gained insight into the conceptual underpinnings of AI and its philosophical implications.

As the literature review progressed, participants ventured into the realm of current trends, navigating the intricate landscape of contemporary AI research. From deep learning and reinforcement learning to generative adversarial networks (GANs) and transfer learning, participants surveyed the latest advancements that are reshaping the AI landscape. By examining recent publications, conference proceedings, and industry reports, participants gained a nuanced understanding of the state-of-the-art methodologies and applications driving AI innovation.

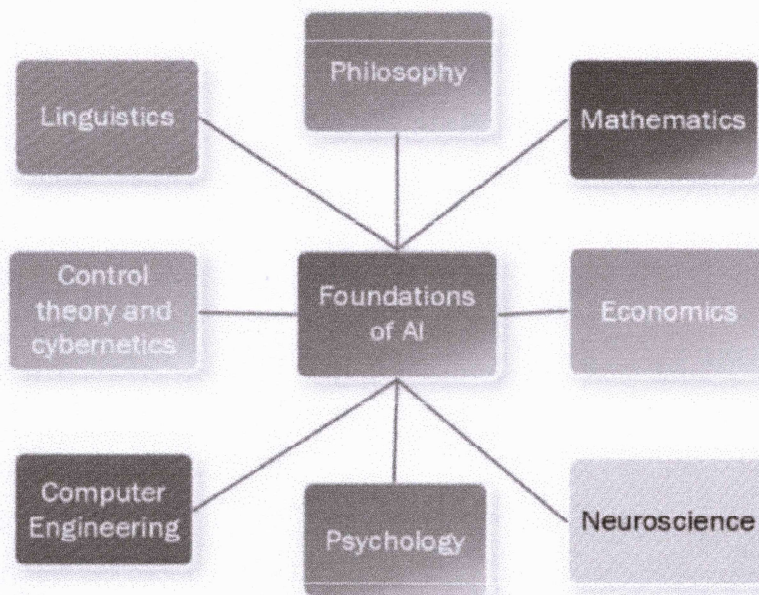
Furthermore, the literature review phase provided a glimpse into the future prospects of AI, offering participants a tantalizing glimpse into the possibilities that lie ahead. From the quest for artificial general intelligence (AGI) to the ethical implications of autonomous systems, participants explored the frontiers of AI research and speculation. By engaging with speculative works and thought-provoking essays, participants grappled with the profound questions surrounding AI's impact on society, ethics, and the nature of intelligence itself.

Throughout the literature review phase, participants synthesized a wealth of knowledge, weaving together insights from diverse sources to construct a coherent narrative of AI's past, present, and future.

## THEORETICAL FOUNDATIONS OF AI

Following the literature review phase, the internship transitioned into an immersive exploration of theoretical learning, wherein participants delved deep into the intricate concepts that form the bedrock of Artificial Intelligence (AI). Theoretical learning served as a crucial juncture for participants to grasp the underlying principles of AI methodologies, with a particular focus on supervised learning, unsupervised learning, reinforcement learning, and deep learning. These foundational concepts provided participants with a comprehensive framework for understanding the diverse array of AI algorithms and techniques employed in solving real-world problems.

During this phase, participants embarked on a systematic journey through the theoretical underpinnings of supervised learning, wherein algorithms are trained on labelled datasets to infer a mapping between input and output variables. Through rigorous study and hands-on exercises, participants gained a nuanced understanding of regression, classification, and ensemble methods, unravelling the mathematical intricacies that govern algorithmic optimization and model evaluation.





## PRACTICAL IMPLEMENTATION TECHNIQUES

With a solid theoretical foundation in place, participants transitioned into the practical implementation phase, where they embarked on transforming abstract concepts into tangible solutions. The implementation of basic AI ideas served as a crucial bridge between theory and application, enabling participants to harness their newfound knowledge to tackle real-world challenges.

During this phase, participants engaged in hands-on exercises and projects aimed at applying fundamental AI concepts in practical settings. They leveraged programming languages such as Python and R to implement algorithms and develop prototypes, gaining invaluable experience in translating theoretical knowledge into functional code.

Supervised learning algorithms were implemented to build predictive models for tasks such as regression and classification. Participants worked with datasets, pre-processing them to ensure data quality and integrity, before training models using algorithms such as linear regression, decision trees, and support vector machines. Through iterative experimentation and model tuning, participants honed their skills in selecting appropriate algorithms and optimizing model performance.

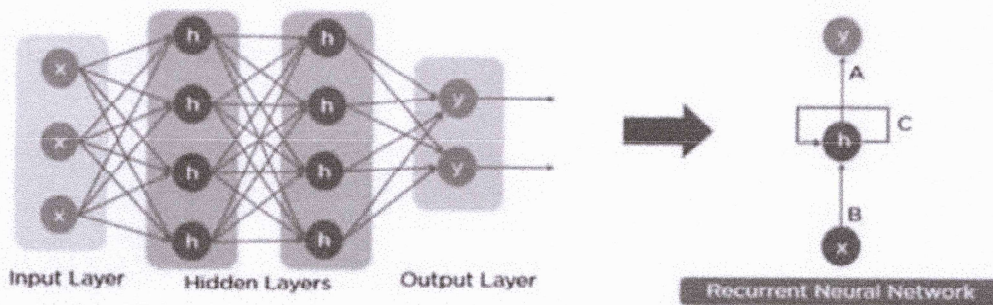
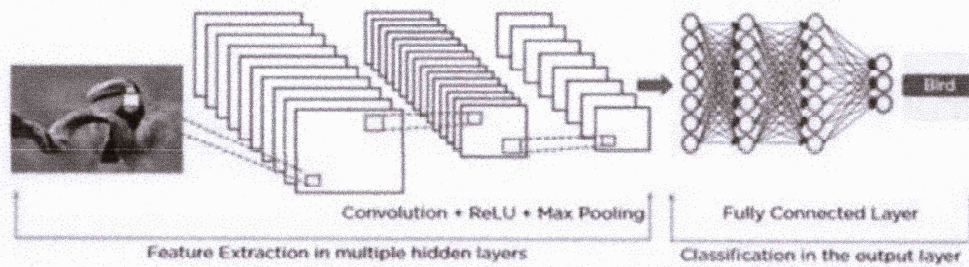
In parallel, participants explored the realm of unsupervised learning, where they applied clustering algorithms such as K-means and hierarchical clustering to identify patterns and structures within data. They also delved into dimensionality reduction techniques such as principal component analysis (PCA) and t-distributed stochastic neighbour embedding (t-SNE), gaining insights into feature selection and visualization strategies.

Furthermore, participants ventured into the realm of reinforcement learning, implementing algorithms such as Q-learning and deep Q-networks to train agents in simulated environments. By designing reward structures and defining action policies, participants explored the dynamics of agent-environment interactions, gaining hands-on experience in reinforcement learning principles and methodologies.

Deep learning emerged as a focal point of implementation, with participants leveraging neural network architectures such as convolutional neural networks (CNNs) and recurrent neural networks (RNNs) to tackle tasks such as image recognition, natural language processing, and sequence prediction. Through projects ranging from image classification to text generation, participants gained practical insights into the capabilities and limitations of deep learning algorithms.

Overall, the implementation phase of the internship served as a testament to the

transformative power of AI, empowering participants to apply basic AI ideas to real-world problems. By bridging the gap between theory and practice, participants not only expanded their technical repertoire but also gained confidence in their ability to harness AI technologies to drive innovation and create impact.





## TOOLS AND FRAMEWORK

During the Tool Familiarization phase, participants immersed themselves in a diverse array of AI frameworks and libraries, empowering them to harness the full potential of cutting-edge technologies in their AI endeavours. Tensor Flow, a widely-used open-source machine learning framework developed by Google, served as a cornerstone of exploration. Participants delved into Tensor Flow's versatile ecosystem, mastering its intuitive interface and leveraging its robust functionalities for building and deploying AI models across various domains.

In parallel, participants embarked on a journey through Keras, a high-level neural networks API written in Python and capable of running on top of Tensor Flow, Theano, or CNTK. With its user-friendly interface and seamless integration with Tensor Flow, Keras provided participants with a streamlined approach to prototyping and deploying deep learning models, enabling rapid experimentation and iteration.

PyTorch emerged as another pivotal tool in participants' toolkit, offering a dynamic and flexible platform for building and training neural networks. Known for its ease of use and Pythonic syntax, PyTorch appealed to participants seeking a more intuitive framework for implementing complex AI algorithms. Through hands-on exercises and projects, participants gained proficiency in PyTorch's tensor computations and autograd system, unlocking new possibilities in deep learning research and development.

Furthermore, participants explored scikit-learn, a versatile machine learning library built on NumPy, SciPy, and matplotlib, offering simple and efficient tools for data mining and analysis. With its extensive collection of algorithms for classification, regression, clustering, and dimensionality reduction, scikit-learn provided participants with a solid foundation for implementing traditional machine learning techniques and benchmarking model performance.

Through guided tutorials, practical exercises, and real-world projects, participants gained hands-on experience in utilizing these AI frameworks and libraries to tackle a myriad of AI challenges. From image classification and natural language processing to reinforcement learning and recommendation systems, participants leveraged these powerful tools to build and deploy AI models with confidence and proficiency.

## APPLICATION DEVELOPMENT

The internship also involved developing AI-based applications in different domains, such as The Application Development phase of the internship marked a pivotal moment where theoretical knowledge and practical skills converged to create tangible solutions with real-world impact. Participants embarked on a journey to develop AI-based applications across diverse domains, ranging from image recognition and natural language processing to recommendation systems, thereby gaining invaluable insights into the vast potential of AI across industries.

In the domain of image recognition, participants leveraged deep learning techniques and frameworks such as Tensor Flow and PyTorch to develop sophisticated models capable of accurately identifying objects, scenes, and patterns within images. From classifying medical images for disease diagnosis to detecting objects in autonomous vehicles, participants explored the transformative potential of image recognition in healthcare, transportation, and beyond.

Natural language processing (NLP) emerged as another focal point of application development, with participants delving into tasks such as sentiment analysis, text summarization, and language translation. By harnessing pre-trained language models and neural network architectures, participants developed AI-powered chatbots, virtual assistants, and language understanding systems, paving the way for more intuitive human-computer interactions across various domains.

Furthermore, participants ventured into the realm of recommendation systems, leveraging collaborative filtering, content-based filtering, and hybrid approaches to personalize user experiences and drive engagement. By analyzing user preferences and historical data, participants developed recommendation algorithms capable of suggesting products, content, and services tailored to individual tastes and preferences, thereby enhancing customer satisfaction and retention.

Through hands-on projects and real-world applications, participants gained firsthand experience in navigating the complexities of AI development, from data collection and preprocessing to model training and deployment. They grappled with challenges such as data scarcity, model interpretability, and ethical considerations, gaining insights into the practical implications.



## CONCLUSION

This basic AI internship has been transformative, providing participants with a comprehensive understanding of AI's foundational principles and practical applications. From exploring machine learning theories to mastering AI algorithm implementation, participants have developed a diverse skill set poised to navigate the evolving AI landscape. The structured approach of the internship, covering literature review, theoretical learning, practical implementation, and application development, has equipped participants with a holistic understanding of AI, empowering them to tackle real-world challenges across various domains.

Throughout the internship, participants engaged in hands-on projects and real-world applications, expanding their technical repertoire and honing problem-solving skills. This practical experience, coupled with insights into ethical considerations surrounding AI deployment, has prepared participants to make meaningful contributions to the field. As they embark on the next phase of their AI journey, participants carry a deep appreciation for AI's transformative potential and a commitment to leveraging technology for positive societal impact.

This internship underscores the significance of education and hands-on experience in shaping the future of AI. Armed with knowledge, skills, and experiences gained during the internship, participants are positioned to drive innovation and create positive change in the world. As AI continues to integrate into various aspects of society, the insights gleaned from this internship will serve as a solid foundation for participants to navigate AI's complexities and make impactful contributions to society's advancement.

## REFERENCE

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**SREE NARAYANA GURU COLLEGE OF ENGINEERING  
& TECHNOLOGY**

(Affiliated to APJ Abdul Kalam Technological University and approved by AICTE New  
Delhi)



**Industrial Training**

At

**All India Radio AIR Kannur 101.5 FM**

**All India Radio AIR Kannur**

**Kannur-670 004**

*Submitted in partial fulfilment for the award of the degree of*

*Bachelor of Technology*

*Of*

**APJ Abdul Kalam Technological University**

*Submitted by*

**AKASH T**

**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**2023**

  
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**SREE NARAYANA GURU COLLEGE OF ENGINEERING &  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
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**BONAFIDE CERTIFICATE**

*This is to certify that Industrial Training at “All India Radio AIR Kannur 101.5 FM” is a bonafide record of the work done by Mr. AKASH T of second semester DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING towards the partial fulfillment for the award of the degree of Bachelor of Technology by APJ Abdul Kalam Technological University*

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प्रसार भारती  
PRASAR BHARATHI  
(INDIA'S PUBLIC SERVICE BROADCASTER)  
आकाशवाणी : कण्णूर  
ALL INDIA RADIO : KANNUR



सं /No. KNR-11(10)/Trng./2023-E/

दिनांक / Date 02/06/2023

### CERTIFICATE

This is to certify that Mr. Akash. T. of Sree Narayana Guru College of Engineering & Technology, Payyanur - 670 307 has undergone Internship Training at this Station from **29.05.2023 to 02.06.2023** (5 working days). Further details are given below:

Sl. No.	Name of the Student	Admn. No.	Semester	Department
1.	Mr. Akash. T.	SNC22EC003	2 <sup>nd</sup>	Electronics & Communication Engineering

During the above period it was observed that he was very keen, diligent and enthusiastic in learning new things.

We wish him a bright future.

*M. Chandrababu*  
02/06/23

(एम. चन्द्रबाबु / M. Chandrababu),

सहायक अभियंता / Assistant Engineer (E),

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## TABLE OF CONTENT

Chapter No.	Title.	Page No
1.	INTRODUCTION.	1
2.	COMPANY PROFILE.	2
3.	ORGANISATION HISTORY.	4
4.	ORIENTATION TRAINING.	6
5.	INPLANT TRAINING	8
	5.1 DIODES.	9
	5.2 ANTENNAS	9
	5.3 MODULATION TECHNIQUES.	10
	5.4 PROPAGATION.	11
	5.5 UNDERSTANDING NETWORKING TECHNOLOGIES.	12
6.	CONCLUTION.	14

  
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## **CHAPTER 1**

### **INTRODUCTION**

The Industrial Training Program at All India Radio (AIR) Kannur 101.5 FM stands as a beacon of opportunity for individuals aspiring to carve a niche in the dynamic realm of radio broadcasting. Situated in the culturally rich city of Kannur, Kerala, AIR Kannur is renowned for its commitment to delivering informative, entertaining, and culturally enriching content to listeners across the region.

The training program offered by AIR Kannur 101.5 FM serves as a pivotal platform for budding broadcasting professionals to gain invaluable insights, hands-on experience, and practical skills in radio production, programming, and management. With its rich legacy and sterling reputation in the broadcasting landscape, AIR Kannur provides an ideal environment for individuals eager to explore the nuances of radio broadcasting.

Participants of the training program are immersed in a stimulating learning environment, where they are exposed to the multifaceted aspects of radio production, including scriptwriting, voice modulation, sound engineering, program scheduling, and radio journalism. The curriculum is meticulously crafted to blend theoretical knowledge with practical application, ensuring that participants develop a comprehensive understanding of the intricacies of radio broadcasting.

One of the distinguishing features of the training program at AIR Kannur is its emphasis on innovation and technological advancement. As the broadcasting industry continues to evolve in the digital age, participants are equipped with the latest tools, techniques, and trends in radio broadcasting, preparing them to thrive in an ever-changing media landscape.

Moreover, participants have the privilege of working closely with seasoned professionals and industry experts, benefiting from their mentorship, guidance, and practical insights. Through hands-on training, collaborative projects, and real-world experiences, participants not only hone their technical skills but also cultivate essential soft skills such as communication, teamwork, and problem-solving.



## **CHAPTER 2**

### **COMPANY PROFILE**

<b>Company Name</b>	<b>: Akashvani Kannur</b>
<b>Type</b>	<b>: Regional radio station</b>
<b>Frequency</b>	<b>: 101.5 FM</b>
<b>Headquarters</b>	<b>: Kannur, Kerala,</b>
<b>India Industry</b>	<b>: Media/Broadcasting</b>
<b>Key people</b>	<b>: Not available (typically managed by regional directors and staff appointed by All India Radio)</b>
<b>Services</b>	<b>: Broadcasting news, entertainment, cultural programs, educational content in the Malayalam language</b>
<b>Revenue</b>	<b>: Not available (typically funded by the government as part of All India Radio)</b>
<b>Operating Income</b>	<b>: Not available</b>
<b>Employees</b>	<b>: Not available</b>
<b>Website</b>	<b>: Not available (typically operates under the All India Radio website or regional AIR websites)</b>

## **CHAPTER 3**

### **ORGANISATION HISTORY**

Akashvani Kannur, part of the All India Radio (AIR) network, is a regional radio station located in Kannur, Kerala, India. Established to cater to the cultural, linguistic, and informational needs of the people in the Kannur district, Akashvani Kannur broadcasts a wide range of programs in the Malayalam language, reflecting the local heritage, traditions, and interests of the community. From news bulletins to music, drama, educational content, and cultural shows, Akashvani Kannur serves as a vital medium for entertainment, education, and communication. With a commitment to public service broadcasting, Akashvani Kannur plays a significant role in connecting with listeners, promoting regional language and culture, and fostering a sense of community cohesion.

#### **Early Years:**

All India Radio, initially known as the Indian State Broadcasting Service, began its operations in 1930. It was established under the Indian Broadcasting Company, a private company. In 1936, it was taken over by the Government of India and became All India Radio. The primary objective was to inform, educate, and entertain the masses.

#### **Growth and Expansion:**

Over the years, AIR expanded its reach across the country, establishing regional stations to cater to diverse linguistic and cultural needs. Akashvani Kannur, specifically, would have been established to serve the people of Kannur district in Kerala, broadcasting in the Malayalam language.

#### **Evolution:**

AIR underwent various technological advancements, transitioning from medium-wave to FM broadcasting. It embraced digitalization, offering online streaming services to reach a broader audience. The programming evolved to include a mix of news, music, cultural shows, educational programs, and entertainment tailored to local preferences.



**Cultural Impact:**

AIR, including Akashvani Kannur, played a crucial role in preserving and promoting regional languages, literature, and traditions. It served as a platform for artists, musicians, poets, and performers to showcase their talents. The radio became an integral part of people's daily lives, providing information, entertainment, and companionship.

**Modern Era:**

With the advent of television and the internet, AIR adapted its strategies to remain relevant in the digital age. It continues to uphold its public service mandate, serving as a reliable source of news and entertainment for millions of listeners across India. Overall, Akashvani Kannur has contributed to the rich legacy of All India Radio, playing a vital role in connecting with the local community, preserving cultural heritage, and fostering national unity through the medium of radio broadcasting.

## **CHAPTER 4**

### **ORIENTATION TRAINING**

Orientation training for an industrial setting like All India Radio (AIR) Kannur 101.5 FM would typically include various elements to familiarize new trainees with the organization, its operations, policies, and procedures. Here's what could be included in an orientation training program:

#### **Introduction to All India Radio (AIR) Kannur 101.5 FM:**

Overview of the history, mission, and objectives of AIR Kannur. Introduction to the organizational structure, departments, and key personnel.

#### **Facility Tour:**

Guided tour of the radio station facilities, including studios, control rooms, production rooms, and other relevant areas. Explanation of the functions and equipment used in each area.

#### **Introduction to Broadcasting:**

Overview of the broadcasting industry, including its history, evolution, and significance.

Explanation of different broadcasting formats, such as AM, FM, and digital broadcasting.

#### **Radio Broadcasting Basics:**

Introduction to basic radio broadcasting concepts, terminology, and techniques. Overview of the roles and responsibilities of various personnel involved in radio broadcasting.

#### **Policies and Procedures:**

Explanation of organizational policies, rules, and regulations. Discussion of workplace conduct, ethics, and professionalism. Introduction to safety procedures and emergency protocols.

#### **Technology and Equipment:**

Overview of the technology and equipment used in radio broadcasting, including audio consoles, microphones, editing software, and broadcasting software. Hands-on training on using broadcasting equipment and software.

#### **Programming and Content Creation:**

Introduction to program scheduling, content creation, and production processes. Overview of different program formats, genres, and styles. Training on scriptwriting, voice modulation, and sound editing techniques.



## CHAPTER 5

### INPLANT TRAINING

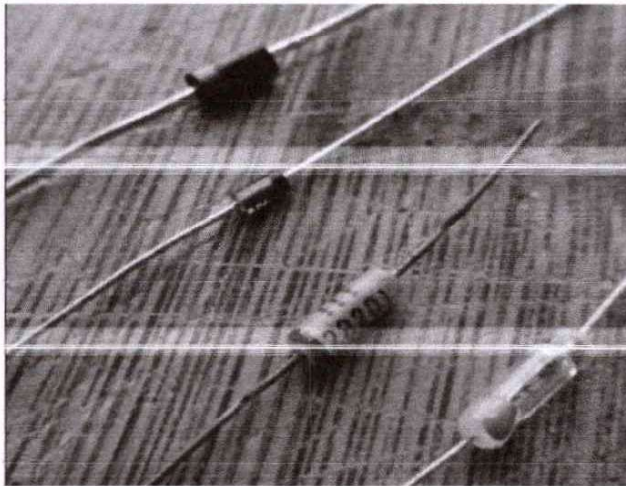
During our in-plant training at AIR Kannur 101.5 FM, I had the opportunity to gain practical insights into the radio broadcasting industry. One of the highlights of my training was the exposure to the studio setup and the broadcasting process.

- **Control Room:** This is the nerve center of the studio, where the broadcast operations are managed. It houses the audio consoles, computers, monitors, and other equipment necessary for controlling the broadcast.
- **Recording Booths:** These enclosed spaces are designed for recording voiceovers, interviews, and musical performances. They are equipped with high-quality microphones, headphones, and soundproofing materials to ensure optimal recording conditions.
- **Production Area:** This area is dedicated to audio production tasks such as editing, mixing, and mastering. It is equipped with computers loaded with audio editing software, allowing producers to create and polish audio content before it goes on air.
- **On-Air Studio:** This is where the magic happens – where the radio hosts deliver live broadcasts and interact with listeners. The on-air studio is equipped with microphones, headphones, and broadcast consoles, allowing hosts to control the flow of the show seamlessly.
- **Green Room:** A space where guests can relax before going on air. It provides a comfortable environment for guests to prepare themselves mentally and physically for their appearances on radio programs.

The sessions covered topics ranging from the basic principles of electronics to the intricacies of signal propagation. Below, I will outline the key concepts discussed in these sessions:

## **5.1 DIODES**

Diodes, being fundamental components of electronic circuits, play a crucial role in signal processing and rectification. Participants were introduced to the basic structure and operation of diodes, including forward and reverse biasing, as well as the characteristics of ideal and non-ideal diodes. Practical demonstrations and hands-on exercises were conducted to illustrate the functionality of diodes in rectifying alternating current (AC) signals into direct current (DC) signals, which is essential for powering electronic devices and equipment in broadcasting setups.

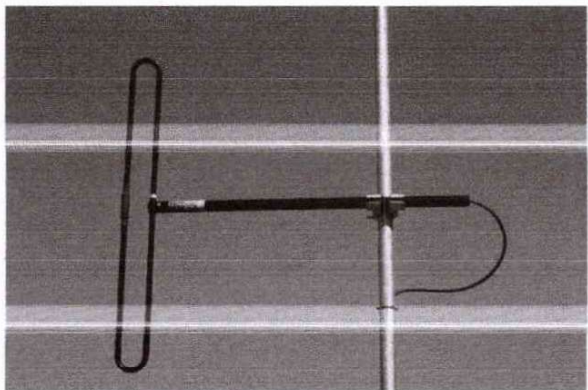


## **5.2 ANTENNAS**

Another significant aspect of the training session was dedicated to the study of antennas and their role in transmitting and receiving radio signals. Participants learned about different types of antennas, including dipole antennas, loop antennas, and directional antennas, and their respective advantages and limitations. The principles of antenna design, radiation patterns, and antenna tuning were discussed in detail,

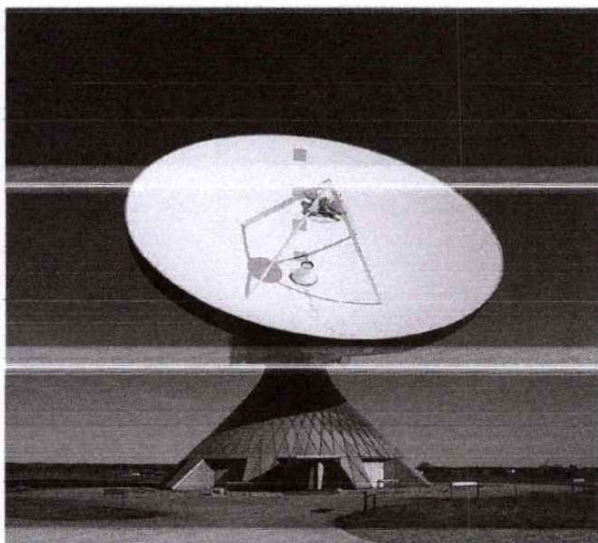
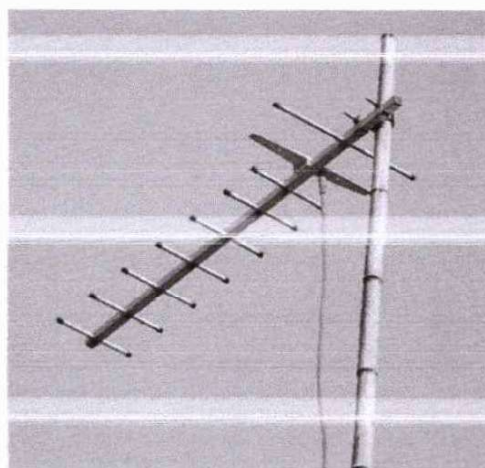


emphasizing the importance of optimizing antenna performance for efficient signal transmission and reception.



Dipole antenna

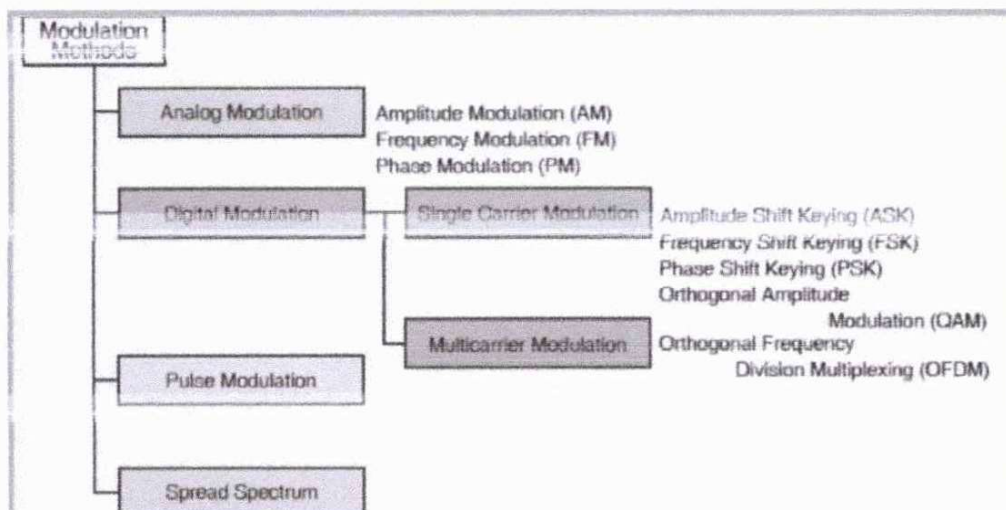
Yagi-uda antenna



Parabolic reflector antennas

### **5.3 MODULATION TECHNIQUES:**

The training curriculum delved into the fascinating realm of modulation techniques, which are essential for encoding information onto carrier signals in radio broadcasting. Various modulation schemes, such as Amplitude Modulation (AM), Frequency Modulation (FM), and Phase Modulation (PM), were explored, along with their respective advantages and applications. Participants gained a comprehensive understanding of the modulation process, including the modulation index, bandwidth requirements, and demodulation techniques. Practical demonstrations and simulations were employed to illustrate the effects of modulation on signal characteristics and fidelity.

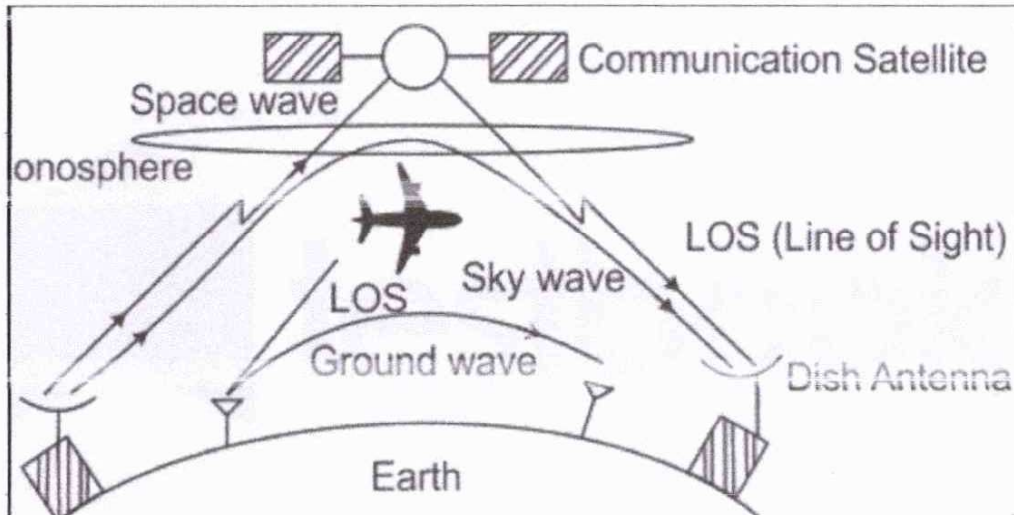


### **5.4 PROPAGATION:**

The training session addressed the phenomenon of signal propagation, which governs the transmission and reception of radio waves in different environments. Participants learned about the factors influencing signal propagation, including atmospheric conditions, terrain, and frequency spectrum. The concepts of ground wave, sky wave, and line-of-sight propagation were elucidated, highlighting their significance in long-distance communication and coverage area planning. Case studies and



real-world examples were presented to illustrate the practical implications of signal propagation in radio broadcasting operations.



## **5.5 UNDERSTANDING NETWORKING TECHNOLOGIES**

The training sessions covered a wide range of networking concepts, including:

- **Local Area Network (LAN):**

A Local Area Network is a network that covers a small geographic area, typically within a single building or campus. LANs are commonly used in homes, offices, and schools to connect computers and devices. They provide high-speed data transfer and are typically wired (Ethernet) or wireless (Wi-Fi).

- **Wide Area Network (WAN):**

Wide Area Networks encompass larger geographic areas, often spanning cities, countries, or even continents. WANs connect LANs over long distances and use various technologies such as leased lines, satellite links, or the internet. The Internet itself is a global WAN.

- **Metropolitan Area Network (MAN):**

A Metropolitan Area Network covers a city or a large campus. It provides high-speed connectivity for businesses and institutions within a specific urban area. MANs are often used for connecting multiple LANs.

**Virtual Private Network (VPN):**

VPNs create secure and encrypted connections over public networks like the internet. They allow remote users to access a private network securely, making them vital for remote work and ensuring data confidentiality.

- **Intranet:**

An Intranet is a private network that uses internet technologies but is accessible only to authorized users within an organization. It facilitates internal communication, document sharing, and collaboration.

- **Extranet:**

An Extranet is an extension of an Intranet that allows limited access to external parties, such as suppliers, partners, or customers. It enables secure sharing of specific information with authorized external users.

- **Wireless Networks:**

Wireless networks, including Wi-Fi and cellular networks, provide wireless connectivity for devices. They are essential for mobile communication and internet access.

- **Peer-to-Peer (P2P) Network:**

P2P networks allow devices to communicate and share resources directly with each other without the need for a central server. This type of network is often used for file sharing.

- **Client-Server Network:**

In a client-server network, client devices (such as computers) request services or resources from a central server. This model is common in business environments and web services.

- **Cloud Computing:**

Cloud computing relies on network infrastructure to provide on-demand access to computing resources and services over the internet. This includes Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS).



## CHAPTER 6


### CONCLUTION

In conclusion, my internship experience at Akashvani Kannur has been immensely valuable and rewarding. Throughout my time there, I had the opportunity to gain practical insights into various aspects of radio broadcasting, including production, programming, and management.

One of the key takeaways from this experience is the importance of effective communication and teamwork in a media environment. I learned how to collaborate with colleagues to produce high-quality content and ensure smooth operations.

Additionally, I developed a deeper understanding of the role that radio plays in informing, entertaining, and connecting communities. It was inspiring to witness first-hand the impact that our broadcasts had on listeners, whether it was providing vital information during emergencies or offering a platform for local voices to be heard.

Overall, my internship at Akashvani Kannur has not only enhanced my skills and knowledge in radio broadcasting but has also instilled in me a greater appreciation for the power of media in shaping society. I am grateful for the opportunity to have been a part of such a dynamic and meaningful organization.



**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR

**SREE NARAYANA GURU COLLEGE OF ENGINEERING  
& TECHNOLOGY**

(Affiliated to APJ Abdul Kalam Technological University and approved by AICTE New  
Delhi)




Internship on  
**MANUFACTURING OF PLYWOOD RELATED PANEL PRODUCTS**  
at  
WESTERN INDIA PLYWOODS LTD

*Submitted by*  
**AADITH V P**  
**ABISHEK K**  
**ADARSH VIJAYAKUMAR**  
**HRITHIK ANIL**  
**MITHUN S KUMAR**  
**MUHAMMED ZENIL K V**  
**SANJU P V**  
**SHIBIN RAJEEVAN T P**  
**SIDHARTH K**  
**SREERAG P RADHAKRISHNAN**  
**ADARSH P**

**DEPARTMENT OF MECHANICAL ENGINEERING**

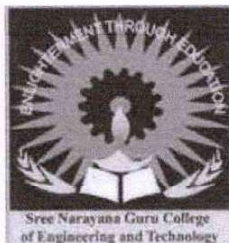
**2023**

**1**

  
**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY**  
(Affiliated to APJ Abdul Kalam Technological University and approved by AICTE New Delhi)



**DEPARTMENT OF MECHANICAL ENGINEERING**

**BONAFIDE CERTIFICATE**

*This is to certify that Industrial Training at "WESTERN INDIA PLYWOODS LTD" is a bonafide record of the work done by AADITH V P, ABISHEK K, ADARSH VIJAYAKUMAR, HRITHIK ANIL, MITHUN S KUMAR, MUHAMMED ZENIL K V, SANJU P V, SHIBIN RAJEEVAN T P, SIDHARTH K, SREERAG P RADHAKRISHNAN, ADARSH P of fifth semester DEPARTMENT OF MECHANICAL ENGINEERING towards the partial fulfillment for the award of the degree of Bachelor of Technology by APJ Abdul Kalam Technological University.*

Faculty Advisor  
Department of ME

Head of the Department  
Department of ME

**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYANUR, KANNUR



THE WESTERN INDIA PLYWOODS LTD.  
BALIAPATAM, KANNUR – 670 010  
Regd. Office: BALIAPATAM, KERALA, INDIA



Tel: 0497-2778151 (4Lines), Fax: 0497-2778181  
E-mail: [westernply@gmail.com](mailto:westernply@gmail.com) / [mail@wipltd.in](mailto:mail@wipltd.in)  
Website: [www.wipltd.in](http://www.wipltd.in), CIN-L20211 KL 1945PLC001708

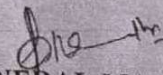
March 22 ,2024


## CERTIFICATE

This is to certify that the following 11 students of B TECH MECHANICAL ENGINEERING at SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY, PAYYANNUR have done an Internship (one day) successfully in our Organization on 11-09-2023, as part of their curriculum requirement.

1. AADITH V P	-	SNC21ME001
2. ABISHEK K	-	SNC21ME002
3. ADARSH VIJAYAKUMAR	-	SNC21ME003
4. HRITHIK ANIL	-	SNC21ME005
5. MITHUN S KUMAR	-	SNC21ME006
6. MUHAMMED ZENIL K V	-	SNC21ME007
7. SANJU P V	-	SNC21ME008
8. SHIBIN RAJEEVAN T P	-	SNC21ME009
9. SIDHARTH K	-	SNC21ME010
10.SREERAG P RADHAKRISHNAN	-	SNC21ME011
11.ADARSH P	-	LSNC21ME012



  
GENERAL MANAGER

  
Dr. LEENA A V  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



## **INTRODUCTION**

### **Company Overview**

Established in 1945 the company started manufacture of sawn timber and plywood on a modest scale with a few indigenous and lent-leased machinery. Due to the progressive outlook and relentless efforts of WIP's founder Managing Director Shri. A.K. Kaderkuty, a doyen of the wood-based panel industry in India, the company made steady progress over the years and business expanded to its present stature and is today one of the biggest woods based industrial integrated complexes in the country and also in South-East Asia with an employee strength of 1200. From the humble beginnings in 1942 as a sawmill and a tea chest manufacturing facility, W.I.P grew steadily adding the latest in machinery and incorporating new manufacturing techniques. Products ranged from Plywoods, Block boards, Flush door, Shuttering and Marine Plywood, Aircraft Plywood etc. The Company planned and executed the hardboard plant between the years 1956 and 1958 with an initial installed capacity of 12.5 tonnes of hardboard per day. The Company also installed its own synthetic resin unit in 1959 with a capacity of 200 tonnes per annum, which gradually increased to 2400 tonnes per annum, by 1975. Manufacture of densified Wood was commenced on a small scale initially as a part of the plywood plant. An Industrial Licence was obtained in 1974 for manufacture of Densified Wood with a capacity of 2000 M.T. per annum. Since then, the Company has been producing components of densified wood required mainly by the electrical, textile and chemical industries, Railways, etc. In 1974 a plant for manufacture of furniture was added.

### **OVERVIEW OF THE INTERNSHIP PROGRAM**

The internship program at Western India Plywoods Ltd. (WIPL) is designed to provide students with valuable hands-on experience in the plywood manufacturing industry. Here's an overview of what you can expect from our internship program:

**Learning Objectives:** Our internship program is structured to provide interns with a comprehensive understanding of the plywood manufacturing process, from raw material sourcing to finished product distribution. Interns will gain insights into various departments such as production, quality control, supply chain management, sales, and marketing.

**Exposure to Cross-functional Teams:** WIPL encourages interns to interact with professionals across different departments to gain a holistic view of the business. This exposure helps interns understand how various functions collaborate to achieve organizational objectives.

**Skill Development:** Interns have the opportunity to enhance their technical skills, problem-solving abilities, communication skills, and teamwork capabilities through practical experiences and interactions with industry experts.

**Networking Opportunities:** WIPL values networking and encourages interns to participate in company events, meetings, and social gatherings. This allows interns to build relationships with professionals in the industry and expand their professional network.

Overall, the internship program at Western India Plywoods Ltd. aims to provide a meaningful and enriching experience for students, equipping them with practical skills and insights that will be beneficial for their future careers in the plywood manufacturing industry.

### **PROJECT OVERVIEW**

At Western India Plywoods Ltd. (WIPL), projects are integral to our business operations and innovation efforts. Here's an overview of the types of projects typically undertaken at WIPL:

#### **Product Development and Innovation:**

WIPL invests in research and development projects aimed at creating new plywood products or improving existing ones. These projects involve testing new materials, exploring innovative manufacturing techniques, and ensuring product quality and performance.

#### **Process Optimization:**

Projects focused on process optimization aim to enhance operational efficiency, reduce costs, and minimize waste during plywood manufacturing. This could involve streamlining production workflows, implementing new technologies, or improving supply chain logistics.



**Quality Assurance and Testing:**

WIPL emphasizes quality control through projects that focus on testing plywood samples, assessing product durability, and implementing quality assurance measures. These projects ensure that our products meet industry standards and customer expectations.

**Environmental Sustainability:**

WIPL is committed to sustainable practices. Projects in this area focus on reducing environmental impact through initiatives such as waste reduction, energy efficiency improvements, and sourcing sustainable raw materials.

**Supply Chain Management:**

Projects in supply chain management aim to optimize inventory levels, improve procurement processes, and strengthen relationships with suppliers. These projects ensure smooth operations and timely delivery of raw materials.

**Sales and Marketing Strategies:**

WIPL undertakes projects to develop and implement sales and marketing strategies. This includes market segmentation, branding initiatives, promotional campaigns, and distribution channel optimization.

Projects at WIPL are typically collaborative efforts involving cross-functional teams comprising engineers, researchers, production specialists, marketing professionals, and external consultants. Each project is designed to address specific business needs, drive continuous improvement, and uphold WIPL's commitment to quality, innovation, and sustainability in the plywood industry.

## **PRODUCT OVERVIEW**

Following are the products that are manufactured from Western India Plywoods Ltd.

1. **Plywood:** Plywood is a versatile engineered wood product composed of thin layers of wood veneer bonded together with adhesive. This construction method results in a strong and durable material that exhibits excellent strength-to-weight ratio and resistance to warping or cracking. Plywood is widely used in construction, furniture making, packaging, and various other applications due to its structural integrity, ease of use, and cost-effectiveness. It comes in different grades and thicknesses to suit different needs, from sheathing and subflooring in buildings to decorative panels and cabinetry in interior design.
2. **Fire Retardant Plywood:** Fire retardant plywood is a specialized type of plywood that has been treated with chemicals to reduce its flammability and delay the spread of fire. This treatment involves impregnating the wood with fire-retardant substances that react to heat and combustion, creating a barrier against flames and smoke. Fire retardant plywood is commonly used in building construction, especially in areas where fire safety regulations are stringent, such as commercial buildings, schools, hospitals, and public spaces.
3. **Resin Surfaced Shuttering Plywood:** Resin surfaced shuttering plywood, also known as film-faced plywood, is a specialized type of plywood that is coated with a layer of resin-impregnated paper or plastic film on both sides. This surface treatment enhances the plywood's durability, smoothness, and resistance to moisture, making it ideal for use in concrete formwork and shuttering applications. The resin surface provides a smooth finish that helps prevent concrete from sticking to the plywood during pouring and curing, facilitating easy removal and reducing surface defects on the finished concrete structure.
4. **Marine Plywood:** Marine plywood is a premium grade of plywood specifically designed for applications where the wood will be exposed to water or high levels of moisture. It is manufactured using durable hardwood veneers bonded together with



waterproof adhesive, making it highly resistant to water damage, rot, and fungal decay. Marine plywood is characterized by its superior strength, stability, and durability, making it suitable for use in marine and freshwater environments, including boat building, dock construction, and exterior applications where moisture resistance is essential. The construction and adhesive used in marine plywood ensure that it can withstand prolonged exposure to water without delaminating or losing its structural integrity.

5. **Boiling Water Resistant Plywood:** Boiling Water Resistant (BWR) plywood is a type of plywood that is specifically engineered to withstand exposure to moisture and humidity. It is manufactured using high-quality hardwood veneers bonded with waterproof synthetic resin under high pressure and temperature. BWR plywood is designed to be highly resistant to boiling water, making it suitable for use in applications where the wood may come into direct contact with water or moisture, such as kitchen cabinets, bathroom furniture, and outdoor furniture. The water-resistant properties of BWR plywood help prevent warping, delamination, and fungal growth, ensuring long-lasting durability and structural integrity even under challenging environmental conditions.
6. **Hard boards:** Hardboard, also known as high-density fiberboard (HDF), is a versatile engineered wood product made from compressed wood fibers. It is manufactured by refining wood fibers into a pulp and then pressing them together under high pressure and heat with the addition of a binder, usually synthetic resin. This process results in a dense and uniform board with a smooth surface and uniform texture.
7. **Densified wood:** Densified wood, also known as densified or compressed wood, is a specialized engineered wood product produced through a process that increases its density and strength. This is typically achieved by compressing wood fibers under high pressure and temperature, sometimes with the addition of adhesives or resins. The compression process significantly reduces the air pockets within the wood, resulting in a denser material with enhanced mechanical properties such as increased strength, hardness, and dimensional stability.

8. **Wooden flooring:** Wooden flooring, also known as hardwood flooring, is a popular and timeless choice for adding warmth and elegance to interior spaces. It is made from solid hardwood boards or engineered wood planks that are designed to be installed as a durable and beautiful flooring option. Solid hardwood flooring is constructed from a single piece of hardwood, such as oak, maple, or cherry, and comes in various thicknesses and widths.
9. **Soft Board:** Softboard, also known as low-density fiberboard (LDF), is a type of engineered wood product made from wood fibers that are compressed and bonded together with adhesive under heat and pressure. Unlike hardboard or plywood, softboard is less dense and more porous, resulting in a softer and more flexible material.

### CONCLUSION

In conclusion, the internship program at Western India Plywoods Ltd. (WIPL) offers a valuable and enriching experience for students aspiring to gain practical insights into the plywood manufacturing industry. Interns have the opportunity to apply theoretical knowledge in a real-world setting, gaining practical skills and experience across various functions within the plywood manufacturing process. Each intern is paired with a dedicated mentor who provides support, guidance, and feedback throughout the internship, facilitating professional growth and development. Interns interact with professionals from different departments, gaining a comprehensive understanding of how various functions collaborate to achieve organizational goals. WIPL encourages interns to enhance technical skills, problem-solving abilities, communication skills, and teamwork capabilities through project assignments and day-to-day activities. Interns have the chance to build relationships with industry professionals, expanding their professional network and gaining insights into career paths within the plywood manufacturing sector. Exceptional interns may be considered for full-time employment opportunities at WIPL based on their performance and the company's hiring needs. Overall, the internship program at WIPL serves as a stepping stone for students to bridge the gap between academia and industry, preparing them for successful careers in plywood manufacturing or related fields.



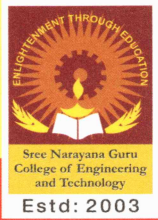


## **Sree Narayana Guru College of Engineering & Technology**

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



### PERMISSION LETTER



# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

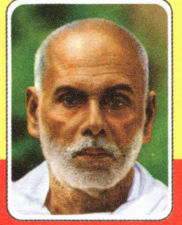
(Approved by AICTE New Delhi and Affiliated to APJ Abdul Kalam Technological University)

Managed by Sree Bhakthi Samvardhini Yogam, Kannur-2.

Ph: 04985-201987, 201988, 201989 EPABX: 201702, 703, 709 Fax: 04985-201988

Email: info@sngcet.org sngcet@bsnl.in

Website: sngcet.org



To

**The Manager  
District Nirmithi Kendra  
Thalassery- 670325.**

**14-10-2022**

Respected Madam/Sir,

This is to certify that Akshaya P V (SNC20CE002) is a bonafide student of Third year B.Tech Degree (Civil Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow her to attend an Internship Programme during 21<sup>st</sup> October– 25<sup>th</sup> October 2022 at your esteemed organization.

Looking forward to hearing favourably from you soon.



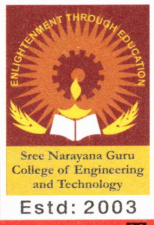
Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**

SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

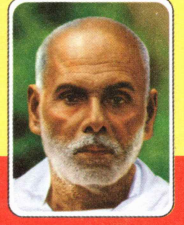
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Email: info@sngcet.org sngcet@bsnl.in

Website: sngcet.org



To

**The Manager**

**Nexora Internship Training Academy**

**Ernakulam- 682017.**

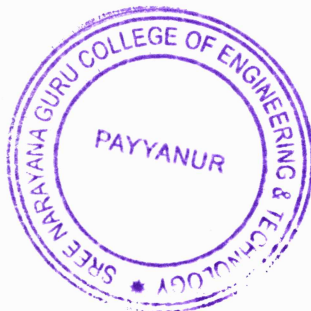
**14-10-2022**

Respected Madam/Sir,

The following students (19 Nos.) are bonafide students of Third year B.Tech Degree (Civil Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 21<sup>st</sup> October– 25<sup>th</sup> October 2022 at your esteemed organization.

1. ABHIJITHA K (SNC20CE001)
2. ALLEN ALEX (SNC20CE003)
3. AMAYA T (SNC20CE004)
4. ANUVINDA P (SNC20CE006)
5. APARNA P (SNC20CE007)
6. ARJUN K M (SNC20CE008)
7. FATHIMATH ZUHRA (SNC20CE010)
8. FATHIMATHUL MARJAN KP (SNC20CE009)
9. FIZA FARHEEN (SNC20CE011)
10. KEERTHANA SURENDRAN (SNC20CE012)
11. MOHAMMED EBRAHIM (SNC20CE013)
12. RAJATH MANOHARAN (SNC20CE014)
13. SAJJAD ZAINUDHEEN (SNC20CE015)
14. SHAHANA SHERIN (SNC20CE016)
15. SREELAKSHMI K (SNC20CE017)
16. SREEVISHNU K (SNC20CE018)
17. VAISHNAVI N K (SNC20CE019)
18. VYSHNA K (SNC20CE020)
19. ANUPRIYA K (LSNC20CE021)

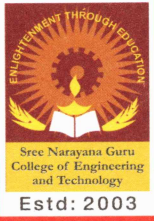
Looking forward to hearing favourably from you soon.



Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

(Approved by AICTE New Delhi and Affiliated to APJ Abdul Kalam Technological University)

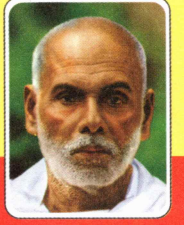
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Ph: 04985-201987, 201988, 201989 EPABX: 201702, 703, 709 Fax: 04985-201988

Email: info@sngcet.org

sngcet@bsnl.in

Website: sngcet.org



To

**The Manager  
Techmaghi  
Kochin- 683503.**

**01-08-2022**

Respected Madam/Sir,

The following students (2 Nos.) are bonafide students of Fourth year B.Tech Degree (Computer Science and Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 05-08-2022 to 10-08-2022 at your esteemed organization.

1. SNC19CS028- SAFA FATHIMA
2. SNC19CS013- FATHIMATHU SAHALABEEVI

Looking forward to hearing favourably from you soon.



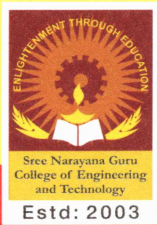
Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**

SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

(Approved by AICTE New Delhi and Affiliated to APJ Abdul Kalam Technological University)

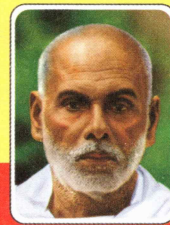
Managed by Sree Bhakthi Samvardhini Yogam, Kannur-2.

Ph: 04985-201987, 201988, 201989 EPABX: 201702, 703, 709 Fax: 04985-201988

Email: info@sngcet.org

sngcet@bsnl.in

Website: sngcet.org



To

**The Manager  
Techbyheart  
Kochin.**

**05-05-2023**

Respected Madam/Sir,

The following students (7 Nos.) are bonafide students of Third year B.Tech Degree (Computer Science and Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 10<sup>th</sup> May – 20<sup>th</sup> May 2023 at your esteemed organization.

1. SNC20CS014 - ANIRUDH SHAJI
2. SNC20CS004 - ABHINAV AV
3. SNC20CS036 - REHAN P
4. SNC20CS042 - VISWAJEETH P
5. SNC20CS041 - SREERAJ SN
6. SNC20CS021 - GOKUL A
7. SNC20CS017 - ARJUN M

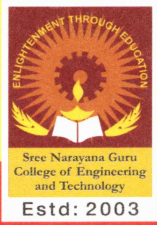
Looking forward to hearing favourably from you soon.



Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR,  
KANNUR



# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

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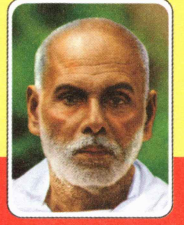
Managed by Sree Bhakthi Samvardhini Yogam, Kannur-2.

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Email: info@sngcet.org

sngcet@bsnl.in

Website: sngcet.org



To

**The Manager  
Techmaghi  
Kochin- 683503.**

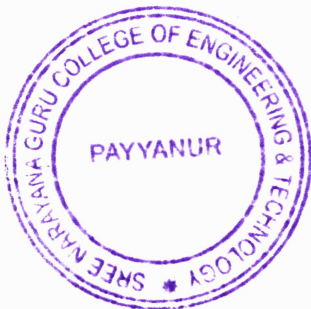
**01-08-2022**

Respected Madam/Sir,

The following students (4 Nos.) are bonafide students of Second year B.Tech Degree (Computer Science and Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 05-08-2022 to 10-08-2022 at your esteemed organization.

1. SNC21CS035- MUHAMMED THAJUDHEEN
2. SNC21CS027- JERLITT VISAL
3. SNC21CS013- ANUPAM KV
4. SNC21CS041- SARANG V

Looking forward to hearing favourably from you soon.

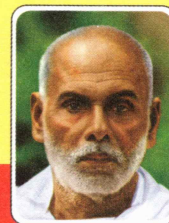


Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





To

**The Manager**

**TORC INFOTECH PVT. LTD.**

**Kalamassery, Kochi-683104.**

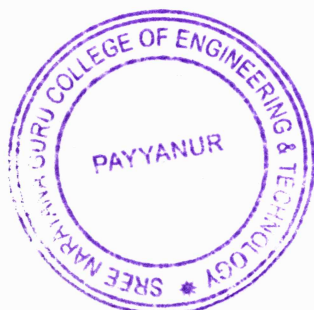
**11-10-2022**

Respected Madam/Sir,

The following students (32 Nos.) are bonafide students of Third year B.Tech Degree (Computer Science and Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 14-10-2022 to 21-10-2022 at your esteemed organization.

Sl. No.	Reg. No.	Name	Sl. No.	Reg. No.	Name
1	SNC20CS024	HAMNA SHERIN	17	SNC20CS003	ABHIJITH A
2	SNC20CS001	AARDRA PRASANTH	18	SNC20CS034	NILEENA C
3	SNC20CS019	DILNA P	19	SNC20CS027	KEERTHANA CV
4	SNC20CS033	NANDANA MV	20	SNC20CS038	SAFA AK
5	SNC20CS023	G P THRISHNA	21	SNC20CS020	FATHIMATHUL FAMEENABI PV
6	SNC20CS016	ANURAG MT	22	SNC20CS018	ASWATHI PI
7	SNC20CS002	AATHISH R	23	SNC20CS032	MUHAMMED ANSAR SAFER
8	SNC20CS010	AMAL MV	24	SNC20CS026	K ATHUL
9	SNC20CS011	ANAGHA ANILKUMAR	25	SNC20CS007	ABHISHEK K
10	SNC20CS037	RIYA RAJESH	26	SNC20CS029	MUHAMMED ZANIL
11	SNC20CS025	HIMA MURALI K	27	SNC20CS041	SREERAJ SN
12	SNC20CS015	ANJALI M	28	SNC20CS039	SANDRA B
13	SNC20CS022	GOPIKA PRAMOD KUMAR	29	SNC20CS035	PARTHIP
14	SNC20CS040	SNEHA E	30	SNC20CS014	ANIRUDH SHAJI
15	SNC20CS005	ABHIRAM AV	31	SNC20CS012	ANAGHA PP
16	SNC20CS008	AKASH SUNILKUMAR	32	SNC20CS028	MOHAMMED RAZI HAMZA

Looking forward to hearing favourably from you soon.



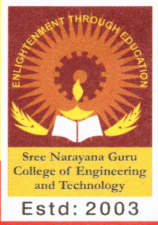
Yours Sincerely,



**PRINCIPAL**

**PRINCIPAL**

SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

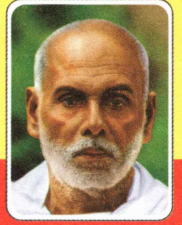
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Managed by Sree Bhakthi Samvardhini Yogam, Kannur-2.

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Email: info@sngcet.org sngcet@bsnl.in

Website: sngcet.org



To

**The Manager  
Techmaghi  
Kochin- 683503.**

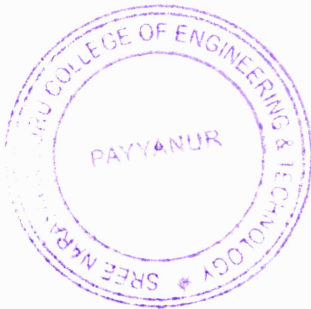
**06-10-2022**

Respected Madam/Sir,

The following students (3 Nos.) are bonafide students of Third year B.Tech Degree (Electronics and Communication Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 12<sup>th</sup> October – 16<sup>th</sup> October 2022 at your esteemed organization.

- |    |             |                     |
|----|-------------|---------------------|
| 1. | SNC20EC003  | Haneena Sulthana    |
| 2. | LSNC20EC007 | Fathima Nasla M V   |
| 3. | LSNC20EC008 | Meghana Gangadharan |

Looking forward to hearing favourably from you soon.

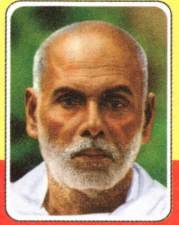


Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





To

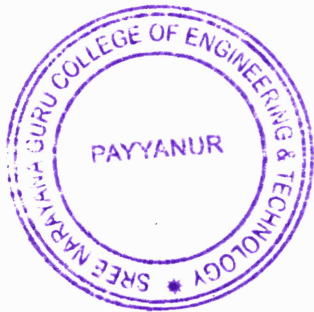
**The Manager  
TORC INFOTECH PVT. LTD.  
Kalamassery, Kochi-683104.**

**11-10-2022**

Respected Madam/Sir,

This is to certify that Ms. Deepna Chalil is a bonafide student of Third year B.Tech Degree (Electronics and Communication Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow her to attend an Internship Programme during 14<sup>th</sup> October – 20<sup>th</sup> October 2022 at your esteemed organization.

Looking forward to hearing favourably from you soon.

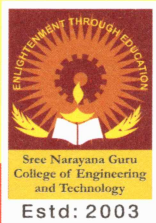


Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**

SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

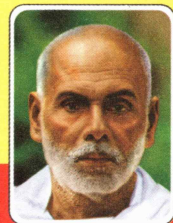
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Managed by Sree Bhakthi Samvardhini Yogam, Kannur-2.

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Email: info@sngcet.org sngcet@bsnl.in

Website: sngcet.org



To

**The Project Manager**

**MVIT, ISRO**

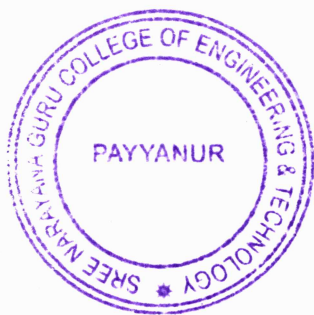
**Thiruvananthapuram- 695013.**

**12-05-2023**

Respected Madam/Sir,

This is to certify that Ms. Thejasree T K is a bonafide student of Third year B.Tech Degree (Electronics and Communication Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow her to attend an Internship Programme during 16<sup>th</sup> May – 07<sup>th</sup> June 2023 at your esteemed organization.

Looking forward to hearing favourably from you soon.

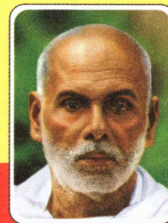


Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





To

**The Manager  
Alisons Academy  
Kannur- 670001.**

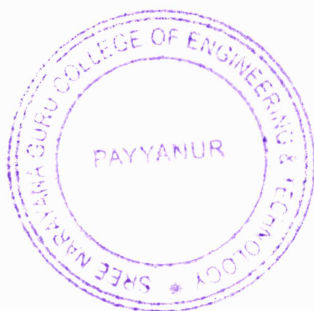
**28-04-2023**

Respected Madam/Sir,

The following students (5 Nos.) are bonafide students of Fourth year B.Tech Degree (Electronics and Communication Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 02<sup>nd</sup> May – 06<sup>th</sup> May 2023 at your esteemed organization.

- |    |            |                       |
|----|------------|-----------------------|
| 1. | SNC19EC001 | Arjun Ashok           |
| 2. | SNC19EC002 | Jithin Sasidharan N V |
| 3. | SNC19EC003 | Keerthana C V         |
| 4. | SNC19EC004 | Mariyambi             |
| 5. | SNC19EC005 | Sanishma Sachithanand |

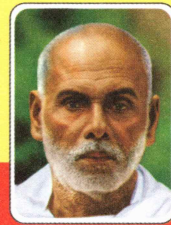
Looking forward to hearing favourably from you soon.



Yours Sincerely,

**PRINCIPAL**

**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



To

**The Manager**

**BSNL RTTC**

**Thiruvananthapuram-695040.**

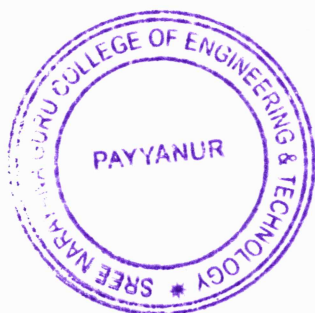
**19-05-2023**

Respected Madam/Sir,

The following students (5 Nos.) are bonafide students of First year B.Tech Degree (Electronics and Communication Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 22<sup>nd</sup> May – 26<sup>th</sup> May 2023 at your esteemed organization.

- |    |            |                         |
|----|------------|-------------------------|
| 1. | SNC22EC001 | Abdul Kader Anees K V V |
| 2. | SNC22EC002 | Akarsh Krishna          |
| 3. | SNC22EC008 | Mohammed Aseel          |
| 4. | SNC22EC006 | Fathimath Rasha P       |
| 5. | SNC22EC013 | Nasha Nourin            |

Looking forward to hearing favourably from you soon.

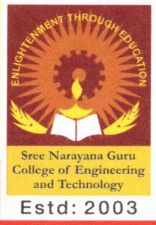


Yours Sincerely,  


**PRINCIPAL**

**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR





# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

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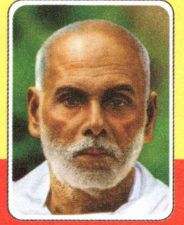
Managed by Sree Bhakthi Samvardhini Yogam, Kannur-2.

Ph: 04985-201987, 201988, 201989 EPABX: 201702, 703, 709 Fax: 04985-201988

Email: info@sngcet.org

sngcet@bsnl.in

Website: sngcet.org



**Assistant Engineer  
All India Radio FM  
Kannur- 670004**

**26-05-2023**

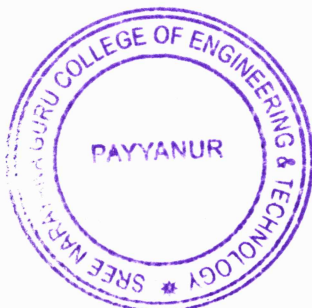
Respected Madam/Sir,

The following students (12 Nos.) are bonafide students of first year B.Tech Degree (Electronics and Communication Engineering) course of this college.

We are grateful to you for providing our students an opportunity for attending an Internship programme during 29<sup>th</sup> May - 2<sup>nd</sup> June 2023 at your esteemed organization.

- 1) SNC22EC003: AKASH T
- 2) SNC22EC004: AMAN V KUMAR
- 3) SNC22EC005: DHYAN SUMESH K
- 4) SNC22EC007: MALAVIKA P
- 5) SNC22EC009: MUHAMMED FAHAD M P
- 6) SNC22EC010: MUHAMMED NAFEEL C K
- 7) SNC22EC011: MUHAMMED SHIBIL T
- 8) SNC22EC014: NEHA K P
- 9) SNC22EC015: PARTHIV SREESHAN P K
- 10) SNC22EC017: SHAGNEYA K
- 11) SNC22EC018: SHAHZAD ABDUL RAHMAN
- 12) SNC22EC019: SREYA M

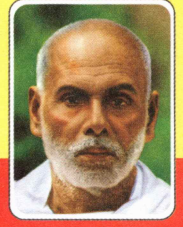
Thanking you,



Yours faithfully,

**PRINCIPAL**

PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR



To

**The Head of Department  
Personal and Administration  
Keltron Component Complex Ltd.  
Kannur-670562**

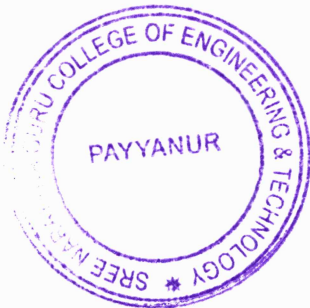
**08-09-2023**

Respected Madam/Sir,

The following 5 (Five) students are bonafide students of Third year B.Tech Degree (Electronics and Communication Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship programme from 11-09-2023 to 18-09-2023 in your esteemed organization.

- 1) SNC21EC001: ARUN K
- 2) SNC21EC002: JISHNU GIRISH
- 3) SNC21EC003: MARCH MOHAN
- 4) SNC21EC004: MIDHUN KRISHNAN
- 5) SNC21EC005: VISHNU U

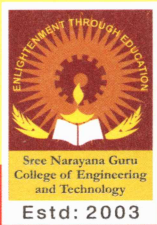
Thanking You,



**PRINCIPAL**

**PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR**





# Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

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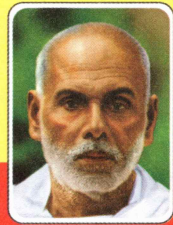
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Email: info@sngcet.org

sngcet@bsnl.in

Website: sngcet.org



To

The Manager

TORC INFOTECH PVT. LTD.

Kalamassery, Kochi-683104.

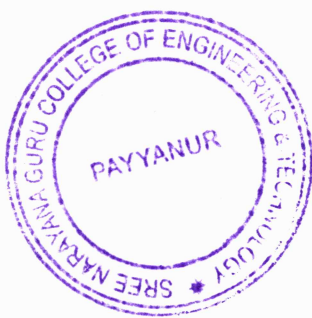
11-10-2022

Respected Madam/Sir,

The following students (3 Nos.) are bonafide students of Third year B.Tech Degree (Electrical and Electronics Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme during 14<sup>th</sup> October – 21<sup>st</sup> October 2022 at your esteemed organization.

- |    |            |              |
|----|------------|--------------|
| 1. | SNC20EE001 | Abhinav C    |
| 2. | SNC20EE002 | Aswathi P P  |
| 3. | SNC20EE003 | Hrudhul Ragh |

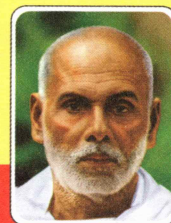
Looking forward to hearing favourably from you soon.



Yours Sincerely,

  
PRINCIPAL

**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



To

**The Manager**

**The Western India Plywoods Ltd.**

**Valapattanam, Kannur.**

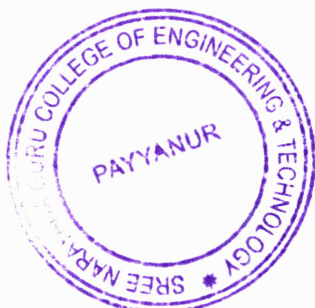
**07-09-2023**

Respected Madam/Sir,

The following students (11 Nos.) are bonafide students of Third year B.Tech Degree (Mechanical Engineering) course of this college. As part of the University curriculum it is mandatory to attend Internship programme every year. So I request you to allow the following students to attend an Internship Programme on 11-09-2023 at your esteemed organization.

1	SNC21ME001	AADITH VP
2	SNC21ME002	ABISHEK K
3	SNC21ME003	ADARSH VIJAYAKUMAR
4	SNC21ME005	HRITHIK ANIL
5	SNC21ME006	MITHUN S KUMAR
6	SNC21ME007	MUHAMMED ZENIL KV
7	SNC21ME008	SANJU PV
8	SNC21ME009	SHIBIN RAJEEVAN TP
9	SNC21ME010	SIDHARTH K
10	SNC21ME011	SREERAG P RADHAKRISHNAN
11	LSNC21ME011	ADARSH P

Looking forward to hearing favourably from you soon.



Yours Sincerely,



**PRINCIPAL**

**PRINCIPAL**  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY, PAYYANUR  
KANNUR