



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING
IAF-AVADI, CHENNAI - 55
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CIRCULAR

AMSCE/EEE/CIR/VAC/001/2022-23

Date: 02.09.2022

The Department of Electrical and Electronics Engineering plans to conduct a Value Added Course on **Hands on Training on Robotics** by **Ms.P.Anna Lakshmi, Project Engineer,M/s Unitech Group**, for the benefit of II Year, III Year and IV Year students. This course is scheduled from **06.09.2022 to 30.09.2022 (4:00 PM to 06:00 PM)** for 4 weeks (30 Hrs).

All the students must attend all the classes with a minimum of 75% attendance and score 50% on the quiz. Students who complete the course successfully will receive certificates.


HOD/EEE

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Principal
IQAC
Circulate to all faculty members and Students
Department File




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NAAC ACCREDITED INSTITUTION & NBA ACCREDITED COURSES

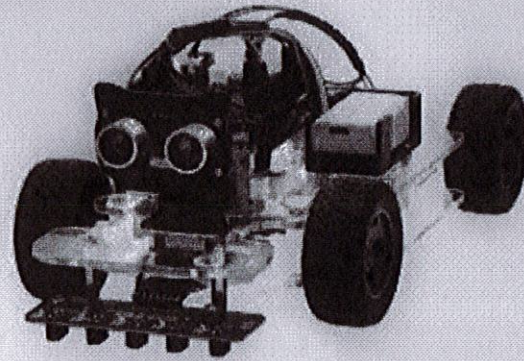
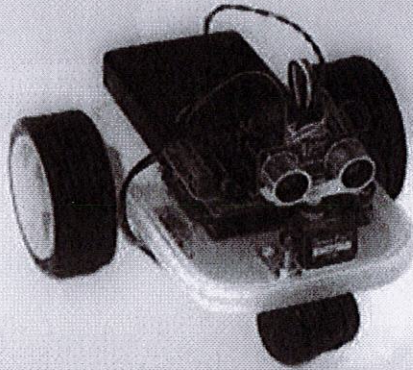
DEPARTMENT OF

ELECTRICAL AND ELECTRONICS ENGINEERING

Permanently Affiliated to Anna University, Chennai-25.

Organizing VALUE ADDED COURSE ON HANDS-ON TRAINING ON ROBOTICS

For 2nd, 3rd & 4th Year EEE Students



DATE:

06.09.2022 to 30.09.2022

RESOURCE PERSON
Ms.P.Anna Lakshmi
Project Engineer,
Unitech Group



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Er.M.S.Rajan,
Assistant Professor
Head/EEE

Dr.S.Sathish
Principal



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS

ENGINEERING



REPORT FOR THE VALUE ADDED COURSE - HANDS ON TRAINING ON ROBOTICS

Course Name: HANDS ON TRAINING ON ROBOTICS

Date: 06.09.2022 to 30.09.2022

Time: 04.00 P.M to 06.00 P.M

Course Hours: 30 Hours

Attended Student: 71 Students

Student Certified: 71 Students

Course Overview: This course aimed to provide participants with practical skills and knowledge in robotics through hands-on training. It spanned 30 hours, incorporating theoretical sessions and practical workshops to ensure comprehensive understanding and application of robotic technologies.

Objectives:

- To introduce participants to the fundamentals of robotics.
- To provide hands-on experience in building and programming robots.
- To develop problem-solving skills through collaborative projects.
- To enhance participants' understanding of robotics applications in various fields.

Course Structure:

1. **Introduction to Robotics**
 - Overview of robotics and its history.
 - Types of robots and their applications.
 - Introduction to basic robotic components (sensors, actuators, microcontrollers).
2. **Hands-On Building**
 - Workshop on assembling basic robot kits.
 - Learning about circuits, motors, and wiring.
 - Team activities to foster collaboration in building functional robots.
3. **Programming Fundamentals**
 - Introduction to programming languages used in robotics (e.g., Python, C++).
 - Hands-on coding sessions to program robot movements and tasks.
 - Debugging and troubleshooting common programming issues.
4. **Project Development**
 - Group projects to design and create a robot that accomplishes a specific task.
 - Presentation of projects and demonstration of functionality.
 - Peer review and feedback session.


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Key Outcomes:

- Participants gained hands-on experience in robot assembly and programming.
- Enhanced teamwork and communication skills through collaborative projects.
- Increased confidence in tackling real-world robotics challenges.
- Development of a portfolio project that showcases participants' skills.

Feedback and Evaluation:

- Participants reported high satisfaction levels, particularly with the practical components of the course.
- Suggestions for future courses include extending project time and incorporating more advanced programming concepts.

Conclusion: The hands-on training course in robotics successfully met its objectives, equipping participants with essential skills and fostering a collaborative learning environment. Future iterations can build on this foundation by integrating more advanced topics and extending practical project opportunities.

A. A. Saik
01/10/22
COURSE-COORDINATOR

Dr. J. M. M.
01/10/22
HOD/EEE
HEAD
Electrical & Electronics Engg.
Aalim Muhammed Salegh
College of Engineering



M. S.
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From

Mr. A.Anwart Basha,
Assistant Professor,
Department of Electrical and Electronics Engineering,
Aalim Muhammed Salegh College of Engineering,
Muthapudupet, Avadi IAF,
Chennai – 600055.

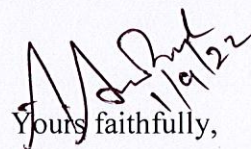
To

The Principal,
Aalim Muhammed Salegh College of Engineering,
Muthapudupet, Avadi IAF,
Chennai – 600055.

Dear Sir,

Sub: Request for Approval of Value-Added Course: Hands on Training on Robotics – reg.

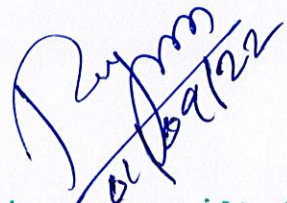
I am writing to request your approval for the value-added course titled “Hands on Training on Robotics” for II, III and IV year EEE students from 06.09.2022 – 30.09.2022. I believe that the course will enhance the skills and competencies of our students. Given the growing interest and relevance of this subject, I believe that offering this course would greatly benefit our students’ educational experience and equip them with valuable skills. Kindly consider the request and do the needful.


Yours faithfully,

Submitted to the Principal Sir's
Sir, I request you to kindly
approve and do the needful.




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mitted to organize the Value added Course
on the above mentioned date
Date
19/9/22



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SYLLABUS FOR THE VALUE ADDED COURSE HANDS-ON TRAINING IN ROBOTICS

MODULE 1: Introduction to Robotics

- Overview of Robotics: History, Applications, and Types
- Basic Components of Robots: Sensors, Actuators, and Controllers
- Introduction to Robotics Kits (e.g., Arduino, Raspberry Pi)
- Safety Protocols in Robotics
- Hands-On: Assembling a Basic Robot Kit

MODULE 2: Programming and Sensor Integration

- Basics of Robot Programming: Introduction to Languages (Python, C++)
- Understanding Sensor Types (Ultrasonic, Infrared, etc.)
- Hands-On: Integrating Sensors with Robots
- Programming Obstacle Avoidance: Implementing Basic Logic
- Troubleshooting and Debugging

MODULE 3: Advanced Robotics Concepts

- Introduction to Machine Learning in Robotics
- Basics of Autonomous Navigation and SLAM (Simultaneous Localization and Mapping)
- Hands-On: Implementing Navigation Algorithms
- Working with GPS and Mapping Tools
- Group Project: Developing a Basic Autonomous Robot

MODULE 4: Final Project and Presentations

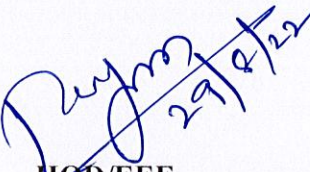
- Project Work: Complete Development of the Autonomous Robot




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- o Focus on Integration of All Concepts Learned
- o Final Project Presentations: Each Group Demonstrates Their Robot
- o Peer Review and Feedback
- o Course Wrap-Up: Discussion on Future Learning Paths and Resources


29/8/22
COURSE-COORDINATOR


29/8/22
HOD/EEE

M.S. RAJAN
A.P. HEAD
Electrical & Electronics Engg.
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SCHEDULE FOR THE VALUE ADDED COURSE HANDS-ON TRAINING IN
ROBOTICS

Time: 04.00 P.M to 06.00 P.M

WEEK 1 : 06.09.2022 to 09.09.2022

Introduction to Robotics

- Overview of Robotics: History, Applications, and Types
- Basic Components of Robots: Sensors, Actuators, and Controllers
- Introduction to Robotics Kits (e.g., Arduino, Raspberry Pi)
- Safety Protocols in Robotics
- Hands-On: Assembling a Basic Robot Kit

WEEK 2 : 12.09.2022 to 17.09.2022

Programming and Sensor Integration

- Basics of Robot Programming: Introduction to Languages (Python, C++)
- Understanding Sensor Types (Ultrasonic, Infrared, etc.)
- Hands-On: Integrating Sensors with Robots
- Programming Obstacle Avoidance: Implementing Basic Logic
- Troubleshooting and Debugging

WEEK 3 : 19.09.2022 to 24.09.2022

Introduction to Machine Learning in Robotics

- Basics of Autonomous Navigation and SLAM (Simultaneous Localization and Mapping)
- Hands-On: Implementing Navigation Algorithms
- Working with GPS and Mapping Tools



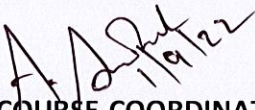

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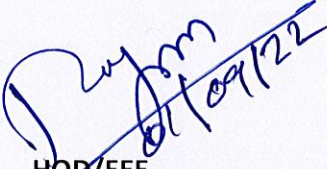
- Group Project: Developing a Basic Autonomous Robot

WEEK 4 : 26.09.2022 to 30.09.2022

Final Project and Presentations

- Project Work: Complete Development of the Autonomous Robot
- Focus on Integration of All Concepts Learned
- Final Project Presentations: Each Group Demonstrates Their Robot
- Peer Review and Feedback
- Course Wrap-Up: Discussion on Future Learning Paths and Resources


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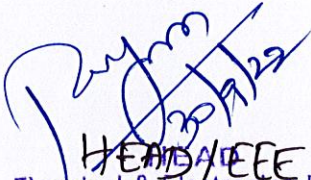
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Certificate course on Hands on training on Robotics
Academic year- 2022-2023

BATCH: 2019-2023

YEAR: IV

S.No	Reg. no	NAME	6.9.22	7.9.22	9.9.22	12.9.22	14.9.22
1	110119105001	ABDUR RAHEEM M F	Rah	Rah	Rah	Rah	Rah
2	110119105002	ANNALAKSHMI P	Annalakshmi	Annalakshmi	-AB-	Annalakshmi	Annalakshmi
3	110119105003	JAINULABDEEN ALMUBEEN AHAMED S	Ahamed	Ahamed	Ahamed	Ahamed	Ahamed
4	110119105004	MOHAMED ASKAR ASIF S	Askar	-AB-	Askar	Askar	Askar
5	110119105006	MOHAMED FIRNAS M	Firnas	Firnas	Firnas	Firnas	Firnas
6	110119105007	MOHAMED HAMEED KAMSA K	Kamsa	Kamsa	Kamsa	Kamsa	Kamsa
7	110119105008	MOHAMED HUSSAIN K	Hussain	Hussain	Hussain	Hussain	Hussain
8	110119105009	MOHAMED RISWAN N	Riswan	Riswan	-AB-	Riswan	Riswan
9	110119105010	MOHAMED SALMAN T	Salman	Salman	Salman	Salman	Salman
10	110119105011	PACCHA GUNA SEK HAR	Guna	Guna	Guna	Guna	Guna
11	110119105012	SAIFUDEEN A	Saifu	Saifu	Saifu	Saifu	-AB-
12	110119105013	SAJID J	Sajid	Sajid	-AB-	Sajid	Sajid
13	110119105014	SALAHUDEEN S	Salah	Salah	Salah	Salah	Salah
14	110119105015	TAHA NOORAIN	Taha	-AB-	Taha	Taha	Taha
15	110119105301	MOHAMMED SHAKEEL B	Shakeel	Shakeel	Shakeel	Shakeel	Shakeel
16	110119105302	SYED MOHAMMED HAFEEZ M	Syed	Syed	Syed	Syed	Syed


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Certificate course on Hands on training on Robotics
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BATCH: 2019-2023

YEAR: IV

S.No	Reg. no	NAME	16.9.22	17.9.22	19.9.22	21.9.22	23.9.22
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16	110119105302	SYED MOHAMMED HAFEEZ M	Syed	Syed	Syed	Syed	Syed


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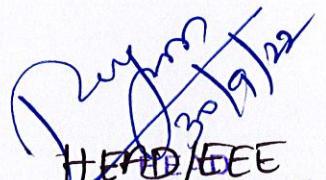
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Certificate course on Hands on training on Robotics
Academic year- 2022-2023

BATCH: 2019-2023

YEAR: IV

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14	110119105015	TAHA NOORAIN	Taha	-AB-	Taha	Taha	Taha
15	110119105301	MOHAMMED SHAKEEL B	Shakeel	Shakeel	Shakeel	Shakeel	Shakeel
16	110119105302	SYED MOHAMMED HAFEEZ M	Syed	Syed	Syed	Syed	Syed


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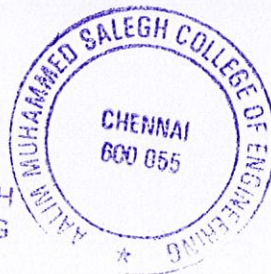
Certifate course on Hands on training on Robotics
Academic year- 2022-2023

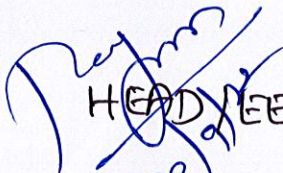
BATCH: 2020-2024

YEAR: III

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2	110120105002	AHAMED MYDEEN S	M	M	M	M	M
3	110120105003	AHAMED ZIFRI A	Zifri	Zifri	Zifri	Zifri	Zifri
4	110120105004	ASADULLAH T	Asa	-AB	Asa	Asa	Asa
5	110120105005	KARTHIK S	Karthi	Karthi	Karthi	Karthi	Karthi
6	110120105006	KISHORE P.	Kish	Kish	Kish	Kish	Kish
7	110120105007	MOHAMED AKRAM N	Akram	Akram	Akram	Akram	Akram
8	110120105008	MOHAMED JASIM A	Jas	Jas	Jas	Jas	Jas
9	110120105009	MOHAMED KHALITH IBRAHIM S	Khalith	Khalith	Khalith	Khalith	Khalith
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12	110120105012	MOHAMMED SALEEM T	Saleem	Saleem	Saleem	Saleem	Saleem
13	110120105013	SYED MAKDUM S.J.	Makdum	Makdum	Makdum	Makdum	Makdum
14	110120105301	AHAMED AAZEEM.S	Azeeem	Azeeem	Azeeem	Azeeem	Azeeem
15	110120105302	AKBAR BASHA . S	Basha	Basha	Basha	Basha	Basha
	110120105303	ALFAREETH	Fa	Fa	Fa	Fa	Fa
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17	110120105305	K. BABU	Babu	Babu	Babu	Babu	Babu
18	110120105307	MOHAMED MUSSAMIL A	Mu	Mu	Mu	Mu	Mu
19	110120105308	MOHAMED SEIYAVUL IRFHAN	Irphan	Irphan	Irphan	Irphan	Irphan
20	110120105309	MOHAMED SHAJITH KABEER N	Shajith	-AB	Shajith	Shajith	Shajith
21	110120105310	MOHAMMED ABID.M.A	Abid	Abid	Abid	Abid	Abid
22	110120105311	MOHAMMED AUTIFF	Autiff	Autiff	Autiff	Autiff	Autiff
23	110120105312	MOHAMMED MUJEEB .M	Mujeeb	Mujeeb	Mujeeb	Mujeeb	Mujeeb
24	110120105313	MOHAMMED RASHEED . M	Rasheed	Rasheed	Rasheed	Rasheed	Rasheed
25	110120105314	MOHAMMED SUHAIL ASADULLAH	Suhail	Suhail	Suhail	Suhail	Suhail
26	110120105315	YOGESWARI	Yogeswari	Yogeswari	Yogeswari	Yogeswari	Yogeswari


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Certificate course on Hands on training on Robotics
Academic year- 2022-2023

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YEAR: III

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6	110120105006	KISHORE P.	Kish	Kish	Kish	Kish	Kish
7	110120105007	MOHAMED AKRAM N	Akram	Akram	Akram	Akram	Akram
8	110120105008	MOHAMED JASIM A	Jas	Jas	Jas	Jas	Jas
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18	110120105307	MOHAMED MUSSAMIL A	Mus	Mus	Mus	Mus	Mus
19	110120105308	MOHAMED SEIYAVUL IRFHAN	Seiyavul	Seiyavul	Seiyavul	Seiyavul	Seiyavul
20	110120105309	MOHAMED SHAJITH KABEER N	Kabeer	-AB-	Kabeer	Kabeer	Kabeer
21	110120105310	MOHAMMED ABID.M.A	Abid	Abid	Abid	Abid	Abid
22	110120105311	MOHAMMED AUTIFF	Autiff	Autiff	Autiff	Autiff	Autiff
23	110120105312	MOHAMMED MUJEEB .M	Mujeeb	Mujeeb	Mujeeb	Mujeeb	Mujeeb
24	110120105313	MOHAMMED RASHEED . M	Rasheed	Rasheed	Rasheed	Rasheed	Rasheed
25	110120105314	MOHAMMED SUHAIL ASADULLAH	Suhail	Suhail	Suhail	Suhail	Suhail
26	110120105315	YOGESWARI	Yog	Yog	Yog	Yog	Yog

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
 Certifcate course on Hands on training on Robotics
 Academic year- 2022-2023

BATCH: 2020-2024

YEAR: III

S.No	Reg. no	NAME	24.9.22	26.9.22	28.9.22	29.9.22	30.9.22
1	110120105001	ABDUL BASITH B	Bas	Bas	Bas	-AB-	Bas
2	110120105002	AHAMED MYDEEN S	My	My	My	My	My
3	110120105003	AHAMED ZIFRI A	Zifri	Zifri	Zifri	Zifri	Zifri
4	110120105004	ASADULLAH T	As	-AB-	As	As	As
5	110120105005	KARTHIK S	Karthik	Karthik	Karthik	Karthik	Karthik
6	110120105006	KISHORE P.	Kish	Kish	Kish	Kish	Kish
7	110120105007	MOHAMED AKRAM N	Akram	Akram	Akram	Akram	Akram
8	110120105008	MOHAMED JASIM A	Jas	Jas	Jas	Jas	Jas
9	110120105009	MOHAMED KHALITH IBRAHIM S	Khal	Khal	Khal	Khal	Khal
10	110120105010	MOHAMED TOWFIQ A	Towfiq	Towfiq	Towfiq	Towfiq	Towfiq
11	110120105011	MOHAMMED RILWAN L	Rilwan	Rilwan	Rilwan	Rilwan	-AB-
12	110120105012	MOHAMMED SALEEM T	Saleem	Saleem	Saleem	Saleem	Saleem
13	110120105013	SYED MAKDUM S.J.	Mak	Mak	Mak	Mak	Mak
14	110120105301	AHAMED AAZEEM.S	Azee	Azee	Azee	Azee	Azee
15	110120105302	AKBAR BASHA . S	Basha	Basha	Basha	Basha	Basha
	110120105303	ALFAREETH	Alfa	Alfa	Alfa	Alfa	Alfa
16	110120105304	GURURAJA	-AB-	Gur	Gur	Gur	Gur
17	110120105305	K. BABU	Babu	Babu	Babu	Babu	Babu
18	110120105307	MOHAMED MUSSAMIL A	Mus	Mus	Mus	Mus	Mus
19	110120105308	MOHAMED SEIYAVUL IRFHAN	Sei	Sei	Sei	Sei	Sei
20	110120105309	MOHAMED SHAJITH KABEER N	Shaj	-AB-	Shaj	Shaj	Shaj
21	110120105310	MOHAMMED ABID.M.A	Abid	Abid	Abid	Abid	Abid
22	110120105311	MOHAMMED AUTIFF	Aut	Aut	Aut	Aut	Aut
23	110120105312	MOHAMMED MUJEEB .M	Muj	Muj	Muj	Muj	Muj
24	110120105313	MOHAMMED RASHEED . M	Ras	Ras	Ras	Ras	Ras
25	110120105314	MOHAMMED SUHAIL ASADULLAH	Suhail	Suhail	Suhail	Suhail	Suhail
26	110120105315	YOGESWARI	Yog	Yog	Yog	Yog	Yog

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AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
 Certifate course on HANDS ON TRAINING ON ROBOTICS
 Academic year- 2022-2023

BATCH: 2021-2025

YEAR: II/III

S.No	Reg. no	NAME	6.9.22	7.9.22	9.9.22	12.9.22	14.9.22
1	110121105001	ABDULLAH A	Abd	Abd	Abd	Abd	Abd
2	110121105002	ABDUL RAHMAN M	Abd	Abd	Abd	Abd	Abd
3	110121105003	ABDU RAHMAN P S	Abd	Abd	Abd	Abd	Abd
4	110121105005	DHANUSHKUMAR K	Dhan	Dhan	Dhan	Dhan	Dhan
5	110121105006	MARWAN RASHEED A	Marw	Marw	Marw	Marw	Marw
6	110121105007	MOHAMED ASICK H	Asic	Asic	Asic	Asic	Asic
7	110121105008	MOHAMED ASITHKHAN A	Asith	Asith	Asith	Asith	Asith
8	110121105009	MOHAMED FAAHIM M	Faah	Faah	Faah	Faah	Faah
9	110121105010	MOHAMED MARSOOK M	Marso	Marso	Marso	Marso	Marso
10	110121105011	MOHAMED NOWFIL R	Nowf	Nowf	Nowf	Nowf	Nowf
11	110121105012	MOHAMMED JASIR S	Jasir	Jasir	Jasir	Jasir	Jasir
12	110121105013	NAMACHIVAYAM M	Nama	Nama	Nama	Nama	Nama
13	110121105014	RAZEEN A M	Raze	Raze	Raze	Raze	Raze
14	110121105015	RUPESH R	Rup	Rup	Rup	Rup	Rup
15	110121105016	SANTHOSH KUMAR R	Santh	Santh	Santh	Santh	Santh
16	110121105017	SYED SUHAIL N	Suh	Suh	Suh	Suh	Suh
17	110121105018	YASAR ARAFATH N	Yasar	Yasar	Yasar	Yasar	Yasar
18	110121105301	ABDUL RAHMAN.T	Abd	Abd	Abd	Abd	Abd
19	110121105302	FIRTHOUS A	Firth	Firth	Firth	Firth	Firth
20	110121105303	GANESH N	Gan	Gan	Gan	Gan	Gan
21	110121105304	HASAN FAMEERDEEN S	Has	Has	Has	Has	Has
22	110121105305	JAGADEESAN U	Jaga	Jaga	Jaga	Jaga	Jaga
23	110121105306	JAYJEET TUDU	Jay	Jay	Jay	Jay	Jay
24	110121105307	JOHN CALIB J	Cal	Cal	Cal	Cal	Cal
25	110121105308	LALITH KUMAR V	Lalith	Lalith	Lalith	Lalith	Lalith
26	110121105309	MOHAMED ANAS	Anas	Anas	Anas	Anas	Anas
27	110121105310	PRAVEEN BALAJI V	Prave	Prave	Prave	Prave	Prave
28	110121105311	SALAI VEDHA ASWATHI	Aswat	Aswat	Aswat	Aswat	Aswat

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AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
 Certifate course on HANDS ON TRAINING ON ROBOTICS
 Academic year- 2022-2023

BATCH: 2021-2025

YEAR: II/III

S.No	Reg. no	NAME	16.9.22	17.9.22	19.9.22	21.9.22	23.9.22
1	110121105001	ABDULLAH A	Abd	Abd	Abd	Abd	Abd
2	110121105002	ABDUL RAHMAN M	Abd	Abd	Abd	Abd	Abd
3	110121105003	ABDU RAHMAN P S	Abd	Abd	Abd	Abd	Abd
4	110121105005	DHANUSHKUMAR K	Dhan	Dhan	Dhan	Dhan	Dhan
5	110121105006	MARWAN RASHEED A	Marw	Marw	Marw	Marw	Marw
6	110121105007	MOHAMED ASICK H	Asic	Asic	Asic	Asic	Asic
7	110121105008	MOHAMED ASITHKHAN A	Asith	Asith	Asith	Asith	Asith
8	110121105009	MOHAMED FAAHIM M	Faah	Faah	Faah	Faah	Faah
9	110121105010	MOHAMED MARSOOK M	Mar	Mar	Mar	Mar	Mar
10	110121105011	MOHAMED NOWFIL R	Now	Now	Now	Now	Now
11	110121105012	MOHAMMED JASIR S	Jasir	Jasir	Jasir	Jasir	Jasir
12	110121105013	NAMACHIVAYAM M	Nam	Nam	Nam	Nam	-AB-
13	110121105014	RAZEEN A M	Raz	Raz	Raz	Raz	Raz
14	110121105015	RUPESH R	-AB-	Rup	Rup	Rup	Rup
15	110121105016	SANTHOSH KUMAR R	Sant	Sant	Sant	Sant	Sant
16	110121105017	SYED SUHAIL N	-AB-	Suh	Suh	Suh	Suh
17	110121105018	YASAR ARAFATH N	Yasar	Yasar	Yasar	Yasar	Yasar
18	110121105301	ABDUL RAHMAN.T	Abd	Abd	Abd	Abd	Abd
19	110121105302	FIRTHOUS A	Fir	Fir	Fir	Fir	Fir
20	110121105303	GANESH N	Gan	Gan	Gan	Gan	Gan
21	110121105304	HASAN FAMEERDEEN S	Has	Has	Has	Has	Has
22	110121105305	JAGADEESAN U	Jaga	Jaga	Jaga	Jaga	Jaga
23	110121105306	JAYJEET TUDU	Jay	Jay	Jay	Jay	Jay
24	110121105307	JOHN CALIB J	Cal	Cal	Cal	Cal	Cal
25	110121105308	LALITH KUMAR V	Lal	Lal	Lal	Lal	Lal
26	110121105309	MOHAMED ANAS	Anas	Anas	Anas	Anas	Anas
27	110121105310	PRAVEEN BALAJI V	Prav	Prav	Prav	Prav	Prav
28	110121105311	SALAI VEDHA ASWATHI	Aswat	Aswat	Aswat	Aswat	Aswat



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S.No	Reg. no	NAME	24.9.22	26.9.22	28.9.22	29.9.22	30.9.22
1	110121105001	ABDULLAH A	Abd	Abd	Abd	Abd	Abd
2	110121105002	ABDUL RAHMAN M	Abd	Abd	Abd	Abd	Abd
3	110121105003	ABDU RAHMAN P S	Abd	Abd	Abd	Abd	Abd
4	110121105005	DHANUSHKUMAR K	Dhs	Dhs	Dhs	Dhs	Dhs
5	110121105006	MARWAN RASHEED A	Mar	Mar	Mar	Mar	Mar
6	110121105007	MOHAMED ASICK H	Asick	Asick	Asick	Asick	Asick
7	110121105008	MOHAMED ASITHKHAN A	Asith	Asith	Asith	Asith	Asith
8	110121105009	MOHAMED FAAHIM M	Faa	Faa	Faa	Faa	Faa
9	110121105010	MOHAMED MARSOOK M	-AB	Mar	Mar	Mar	Mar
10	110121105011	MOHAMED NOWFIL R	Now	-AB	Now	Now	Now
11	110121105012	MOHAMMED JASIR S	Jas	Jas	Jas	Jas	Jas
12	110121105013	NAMACHIVAYAM M	Nam	Nam	Nam	Nam	Nam
13	110121105014	RAZEEN A M	Raz	Raz	Raz	Raz	Raz
14	110121105015	RUPESH R	-AB	Rup	Rup	Rup	Rup
15	110121105016	SANTHOSH KUMAR R	San	Santh	Santh	Santh	Santh
16	110121105017	SYED SUHAIL N	-AB	Suh	Suh	Suh	Suh
17	110121105018	YASAR ARAFATH N	Yasar	Yasar	Yasar	Yasar	Yasar
18	110121105301	ABDUL RAHMAN.T	Abd	Abd	Abd	Abd	Abd
19	110121105302	FIRTHOUS A	Firt	Firt	Firt	Firt	Firt
20	110121105303	GANESH N	Gan	Gan	Gan	Gan	Gan
21	110121105304	HASAN FAMEERDEEN S	Has	Has	Has	Has	Has
22	110121105305	JAGADEESAN U	Jega	Jega	Jega	Jega	Jega
23	110121105306	JAYJEET TUDU	Jayjeet	Jayjeet	Jayjeet	Jayjeet	Jayjeet
24	110121105307	JOHN CALIB J	Cal	Cal	Cal	Cal	Cal
25	110121105308	LALITH KUMAR V	Lalith	Lalith	Lalith	Lalith	Lalith
26	110121105309	MOHAMED ANAS	Anas	Anas	Anas	Anas	Anas
27	110121105310	PRAVEEN BALAJI V	Praveen	Praveen	Praveen	Praveen	Praveen
28	110121105311	SALAI VEDHA ASWATHI	Aswathi	Aswathi	Aswathi	Aswathi	Aswathi



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30/9/22
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HEAD
 Electrical & Electronics Engg.
 Aalim Muhammed Salegh
 College of Engineering

Mr.Kailas Menon
Manager,
HoistTechnologies



Date:30-09-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **MOHAMED HUSSAIN K**, of Aalim Muhammed Salegh College of Engineering, Avadi-IAF has successfully completed "**HANDS ON TRAINING ON ROBOTICS**" Course conducted from 06.09.2022 to 30.09.2022



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Sincerely,

Nirav

Nirav Narayanan,
HR - Team, Hoist Technologies

**PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING**



Mr.Kailas Menon
Manager,
HoistTechnologies



Date:30-09-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **SALAHUDEEN S**, of Aalim Muhammed Salegh College of Engineering, Avadi-IAF has successfully completed **“HANDS ON TRAINING ON ROBOTICS”** Course conducted from 06.09.2022 to 30.09.2022



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Sincerely,

Nirav

Nirav Narayanan,
HR - Team, Hoist Technologies

**PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING**



Mr.Kailas Menon
Manager,
HoistTechnologies



Date:30-09-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **AHAMED ZIFRI A**, of Aalim Muhammed Salegh College of Engineering, Avadi-IAF has successfully completed **“HANDS ON TRAINING ON ROBOTICS”** Course conducted from 06.09.2022 to 30.09.2022



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Sincerely,

Nirav

Nirav Narayanan,
HR - Team, Hoist Technologies

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**PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING**



Mr.Kailas Menon
Manager,
HoistTechnologies



Date:30-09-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **SYED MAKDUM S.J.**, of Aalim Muhammed Salegh College of Engineering, Avadi-IAF has successfully completed **“HANDS ON TRAINING ON ROBOTICS”** Course conducted from 06.09.2022 to 30.09.2022



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Sincerely,

Nirav

Nirav Narayanan,
HR - Team, Hoist Technologies


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COLLEGE OF ENGINEERING



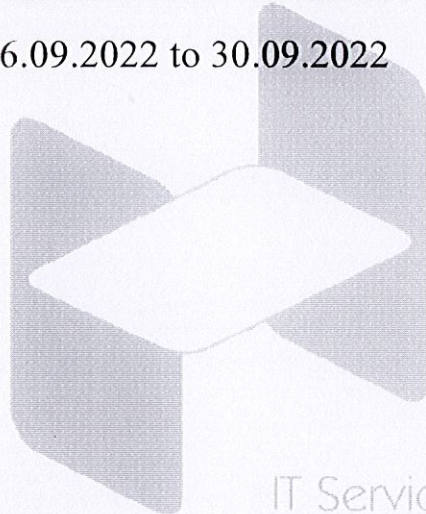
Mr.Kailas Menon
Manager,
HoistTechnologies



Date:30-09-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **SYED SUHAIL N**, of Aalim Muhammed Salegh College of Engineering, Avadi-IAF has successfully completed **“HANDS ON TRAINING ON ROBOTICS”** Course conducted from 06.09.2022 to 30.09.2022



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Sincerely,

Nirav

Nirav Narayanan,

HR - Team, Hoist Technologies

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COLLEGE OF ENGINEERING**

