

Internship Report

First Day (1) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Introduction, rules, objectives and training program of internship

1. Introduction

Today was the 1 day of my internship. The main topic of today was "Introduction, rules, objectives and training program of internship". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The session explained the purpose of internship, discipline, daily reporting, laboratory behavior and the method of learning through practice.

2. Training Session

In the training session, the topic "Introduction, rules, objectives and training program of internship" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short

circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Introduction, rules, objectives and training program of internship.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Introduction, rules, objectives and training program of internship" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the

future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Second Day (2) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Introduction to electronics and its importance in daily life

1. Introduction

Today was the 2 day of my internship. The main topic of today was "Introduction to electronics and its importance in daily life". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The role of electronics was connected with mobile phones, computers, medical devices, transport, communication systems and household appliances.

2. Training Session

In the training session, the topic "Introduction to electronics and its importance in daily life" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short

circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Introduction to electronics and its importance in daily life.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Introduction to electronics and its importance in daily life" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the

future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Third Day (3) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Basic information about electric current, voltage, resistance and power

1. Introduction

Today was the 3 day of my internship. The main topic of today was "Basic information about electric current, voltage, resistance and power". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

Current was explained as the flow of electrons, voltage as the pressure that drives current, resistance as opposition in the path and power as

the rate of energy use.

2. Training Session

In the training session, the topic "Basic information about electric current, voltage, resistance and power" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean

workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Basic information about electric current, voltage, resistance and power.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day

in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Basic information about electric current, voltage, resistance and power" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions

protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Fourth Day (4) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Introduction to electronic components: resistor, capacitor and inductor

1. Introduction

Today was the 4 day of my internship. The main topic of today was "Introduction to electronic components: resistor, capacitor and inductor". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The resistor controls current, the capacitor stores electric charge and the inductor stores energy in the form of a magnetic field.

2. Training Session

In the training session, the topic "Introduction to electronic components: resistor, capacitor and inductor" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very

important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Introduction to electronic components: resistor, capacitor and inductor.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Introduction to electronic components: resistor, capacitor and inductor" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of

electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Fifth Day (5) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Structure and uses of diode, LED and transistor

1. Introduction

Today was the 5 day of my internship. The main topic of today was "Structure and uses of diode, LED and transistor". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The diode allows current in one direction, the LED gives light when current flows and the transistor is used for switching and amplification.

2. Training Session

In the training session, the topic "Structure and uses of diode, LED and transistor" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Structure and uses of diode, LED and transistor.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Structure and uses of diode, LED and transistor" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Sixth Day (6) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Introduction to electronic circuits and reading circuit diagrams

1. Introduction

Today was the 6 day of my internship. The main topic of today was "Introduction to electronic circuits and reading circuit diagrams". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

Circuit symbols, component connections, current paths and the importance of reading a diagram before practical work were explained.

2. Training Session

In the training session, the topic "Introduction to electronic circuits and reading circuit diagrams" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very

important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Introduction to electronic circuits and reading circuit diagrams.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Introduction to electronic circuits and reading circuit diagrams" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects,

employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Seventh Day (7) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Basic knowledge of breadboard, PCB and soldering

1. Introduction

Today was the 7 day of my internship. The main topic of today was "Basic knowledge of breadboard, PCB and soldering". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The breadboard was introduced for temporary connections, PCB for permanent circuit design and soldering for strong electrical joints.

2. Training Session

In the training session, the topic "Basic knowledge of breadboard, PCB and soldering" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Basic knowledge of breadboard, PCB and soldering.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Basic knowledge of breadboard, PCB and soldering" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Eighth Day (8) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Use of multimeter and electronic measurement methods

1. Introduction

Today was the 8 day of my internship. The main topic of today was "Use of multimeter and electronic measurement methods". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The use of a multimeter for measuring voltage, current, resistance and continuity was discussed with safety precautions.

2. Training Session

In the training session, the topic "Use of multimeter and electronic measurement methods" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short

circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Use of multimeter and electronic measurement methods.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Use of multimeter and electronic measurement methods" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the

future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Ninth Day (9) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Power supply, battery and charging system

1. Introduction

Today was the 9 day of my internship. The main topic of today was "Power supply, battery and charging system". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The conversion of electrical power, battery storage, charging process, polarity, voltage rating and safe charging practices were explained.

2. Training Session

In the training session, the topic "Power supply, battery and charging system" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Power supply, battery and charging system.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Power supply, battery and charging system" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Tenth Day (10) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Sensors and their uses: temperature, light and motion sensors

1. Introduction

Today was the 10 day of my internship. The main topic of today was "Sensors and their uses: temperature, light and motion sensors". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

Sensors were described as devices that detect physical changes and convert them into electrical signals for electronic systems.

2. Training Session

In the training session, the topic "Sensors and their uses: temperature, light and motion sensors" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very

important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Sensors and their uses: temperature, light and motion sensors.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Sensors and their uses: temperature, light and motion sensors" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects,

employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Eleventh Day (11) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Introduction to digital electronics: logic gates and binary

1. Introduction

Today was the 11 day of my internship. The main topic of today was "Introduction to digital electronics: logic gates and binary". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

Binary numbers, 0 and 1 logic levels and basic gates such as AND, OR and NOT were introduced with simple examples.

2. Training Session

In the training session, the topic "Introduction to digital electronics: logic gates and binary" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Introduction to digital electronics: logic gates and binary.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Introduction to digital electronics: logic gates and binary" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Twelfth Day (12) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Introduction to microcontroller and Arduino

1. Introduction

Today was the 12 day of my internship. The main topic of today was "Introduction to microcontroller and Arduino". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The microcontroller was explained as the brain of a small electronic system and Arduino was introduced as a beginner-friendly platform.

2. Training Session

In the training session, the topic "Introduction to microcontroller and Arduino" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Introduction to microcontroller and Arduino.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Introduction to microcontroller and Arduino" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Thirteenth Day (13) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Basic electronic project: LED blinking and sensor connection

1. Introduction

Today was the 13 day of my internship. The main topic of today was "Basic electronic project: LED blinking and sensor connection". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

A small project approach was discussed using LED blinking, sensor input, wiring, coding logic and testing of output.

2. Training Session

In the training session, the topic "Basic electronic project: LED blinking and sensor connection" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Basic electronic project: LED blinking and sensor connection.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Basic electronic project: LED blinking and sensor connection" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Fourteenth Day (14) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Working of household electronic devices

1. Introduction

Today was the 14 day of my internship. The main topic of today was "Working of household electronic devices". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The working principles of devices such as chargers, fans, televisions, inverters and remote-controlled appliances were discussed.

2. Training Session

In the training session, the topic "Working of

household electronic devices" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was also explained that every signal and every

connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Working of household electronic devices.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Working of

household electronic devices" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Fifteenth Day (15) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Basic problem identification and repair of electronic devices

1. Introduction

Today was the 15 day of my internship. The main topic of today was "Basic problem identification and repair of electronic devices". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

Common faults, loose connections, power issues, blown components and basic troubleshooting steps were explained.

2. Training Session

In the training session, the topic "Basic problem identification and repair of electronic devices" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Basic problem identification and repair of electronic devices.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Basic problem identification and repair of electronic devices" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Sixteenth Day (16) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Safety rules: electric shock, short circuit and equipment safety

1. Introduction

Today was the 16 day of my internship. The main topic of today was "Safety rules: electric shock, short circuit and equipment safety". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The importance of insulation, dry hands, correct tools, safe distance, fuse protection and careful testing was emphasized.

2. Training Session

In the training session, the topic "Safety rules: electric shock, short circuit and equipment safety" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short

circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Safety rules: electric shock, short circuit and equipment safety.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Safety rules: electric shock, short circuit and equipment safety" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the

future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Seventeenth Day (17) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Introduction to communication electronics: mobile, radio and network signals

1. Introduction

Today was the 17 day of my internship. The main topic of today was "Introduction to communication electronics: mobile, radio and network signals".

This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

Communication systems were explained through signal transmission, reception, antennas, mobile networks and radio waves.

2. Training Session

In the training session, the topic "Introduction to communication electronics: mobile, radio and network signals" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very

important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Introduction to communication electronics: mobile, radio and network signals.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day

in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I realized that understanding "Introduction to communication electronics: mobile, radio and network signals" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions

protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Eighteenth Day (18) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Introduction to IoT and modern electronics

1. Introduction

Today was the 18 day of my internship. The main topic of today was "Introduction to IoT and modern electronics". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

IoT was introduced as the connection of devices through the internet for monitoring, control and smart automation.

2. Training Session

In the training session, the topic "Introduction to IoT and modern electronics" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Introduction to IoT and modern electronics.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Introduction to IoT and modern electronics" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Nineteenth Day (19) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Preparation of electronics-related project work

1. Introduction

Today was the 19 day of my internship. The main topic of today was "Preparation of electronics-related project work". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

Project planning, selection of components, circuit design, testing, observation and report preparation were discussed.

2. Training Session

In the training session, the topic "Preparation of electronics-related project work" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Preparation of electronics-related project work.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Preparation of electronics-related project work" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____

Internship Report

Twentieth Day (20) Day Report

Name of Institution: Ali Tech Computer Education Foundation

Date: _____

Place: _____

Intern's Name: _____

Subject: Final report writing, presentation and internship review

1. Introduction

Today was the 20 day of my internship. The main topic of today was "Final report writing, presentation and internship review". This day was informative, useful and practical for me because the basic principles of electronics were explained by connecting them with daily life, laboratory work and workplace situations. The trainer explained that electronics is not only a technique of operating devices; rather, it is an important field connected with measurement, analysis, safety, repair, communication and innovation.

The final session focused on organizing daily learning, writing the report, presenting work and reviewing the overall internship experience.

2. Training Session

In the training session, the topic "Final report writing, presentation and internship review" was explained in simple language through examples and small practical activities. Students were given opportunities to ask questions, share their views and understand the use of electronic tools and components. The trainer explained that theory and practical work are equally important in electronics. Before understanding any circuit, component or device, it is necessary to know its purpose, connection, rating, safety limit and condition of use. Learning in the field of electronics is a continuous process because new techniques, new devices and new safety methods keep changing with time. Therefore, regular practice and updated knowledge are necessary for every student.

2. Training Session (continued)

During today's practice, special attention was given to observing electronic devices carefully, identifying symbols and values, reading basic diagrams and writing observations in the notebook. The trainer also explained that discipline in the laboratory, correct wiring, a clean workplace and following safety rules are very important. Even a small mistake can cause a short circuit, damage to equipment or an accident. It was

also explained that every signal and every connection has importance in electronics. If a wire is connected to a wrong point, if the wrong voltage is applied or if measurement is taken in the wrong range, the result may be incorrect. Therefore, planning, checking and confirmation are necessary before every task.

3. Assigned Tasks

The following tasks were assigned to us today:

- 1. Write the definition, importance and basic points of today's topic: Final report writing, presentation and internship review.**
- 2. Identify examples of electronic devices, tools and components related to the topic.**
- 3. Write laboratory safety rules and the precautions followed during practical work in the notebook.**
- 4. Prepare a short activity note or observation report based on the day's learning.**

Through these tasks, today's topic was not kept limited to listening only; we were encouraged to understand it in written and practical form. We were also asked to write the learning of each day in the report in an organized way.

4. Today's Experience

Today's experience was very useful for me. I

realized that understanding "Final report writing, presentation and internship review" is not important only for examination purposes, but also for real life. Mobile phones, chargers, televisions, computers, fans, inverters, sensors and many household appliances work on the principles of electronics. This session increased my confidence and helped me understand that electronics can be learned in a better way through practice, patience and careful work.

4. Today's Experience (continued)

From today's activities, I understood that attention, discipline and technical thinking are very important in electronics. Before opening or connecting any device, it is necessary to understand its working process. Discussion with the team also helped me understand the value of cooperation, leadership and group work. While working in the laboratory, it is necessary to maintain a clean work area, use the correct tools, take accurate measurements and keep a safe distance. I also learned that small precautions protect us from major losses. Knowledge of electronics can be useful in repair work, projects, employment and technical innovation in the future.

5. Conclusion

Overall, today's training was successful and inspiring. I learned that the study of electronics is not limited to book knowledge; it is connected with observation, measurement, experiments, problem solving and responsible behavior. In the coming days, I will try to participate in the training with full discipline, carefulness and interest.

Intern's Signature: _____