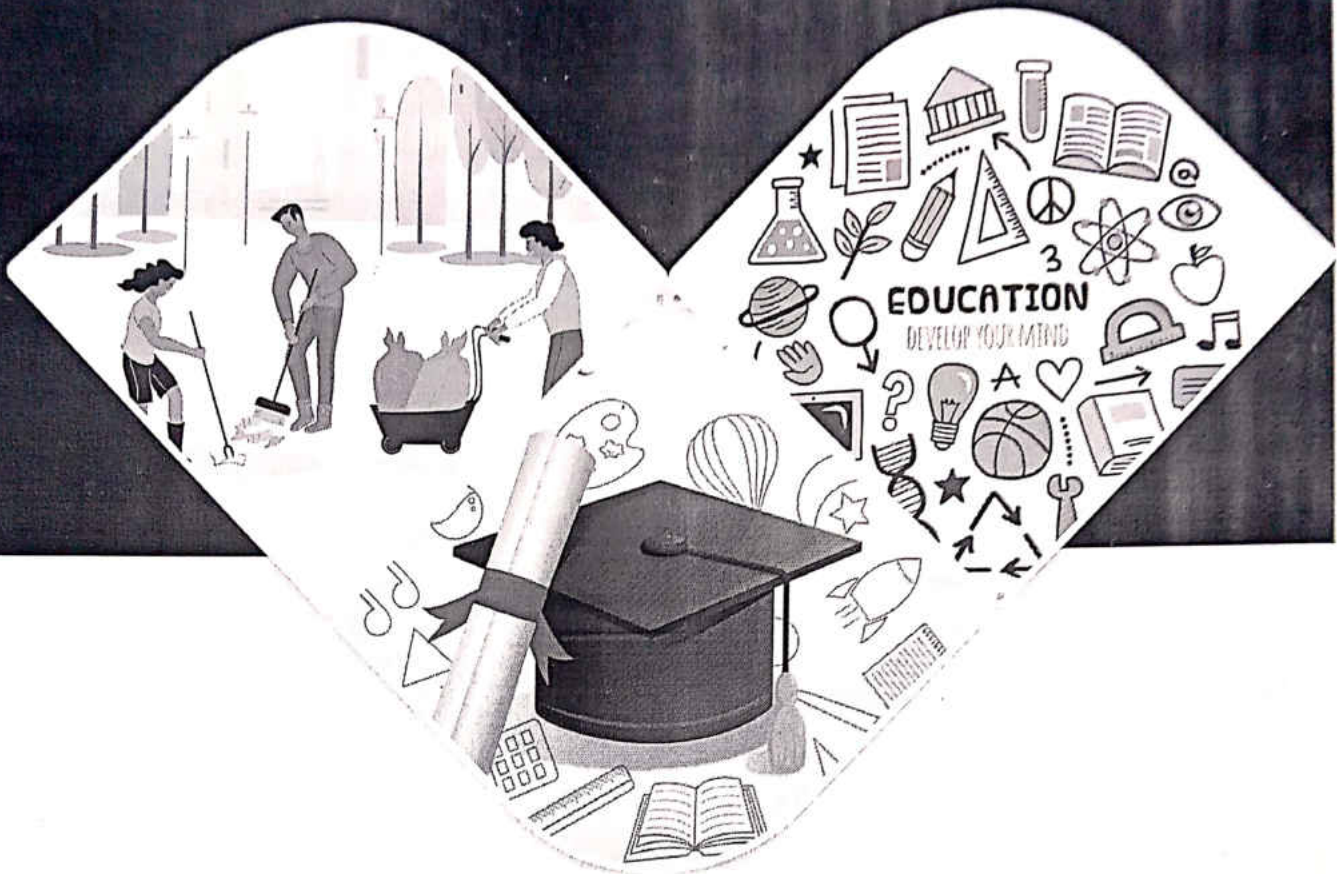


Model Program Book



SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

PROGRAM BOOK FOR
SEMESTER INTERNSHIP

Name of the Student: yapparika. Kumar

Name of the College: Government Degree College (MEN)
Srikakulam

Registration Number: 2002 001050051

Period of Internship: From: 12-12-2021 To: 18-03-2023

Name & Address of the Intern Organization

Andhra Pradesh State Disaster Response Fire
Services Department, CBS Srikakulam

Dr. B. R. Ambedkar **University**
YEAR

An Internship Report on

Andhra Pradesh State Disaster Response & Fire
Services Department
(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of
BSc (M.P.C.)

Under the Faculty Guideship of

Ravi Kumar

(Name of the Faculty Guide)

Department of physics

Government Degree College (MEN) Srikakulam

(Name of the College)

Submitted by:

Yapparika - Kumar

(Name of the Student)

Reg.No: 2022001050051

Department of physics

Government Degree College (MEN) Srikakulam

(Name of the College)

Instructions to Students

Please read the detailed Guidelines on Internship hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>

1. It is mandatory for all the students to complete Semester internship either in V Semester or in VI Semester.
2. Every student should identify the organization for internship in consultation with the College Principal/the authorized person nominated by the Principal.
3. Report to the intern organization as per the schedule given by the College. You must make your own arrangements for transportation to reach the organization.
4. You should maintain punctuality in attending the internship. Daily attendance is compulsory.
5. You are expected to learn about the organization, policies, procedures, and processes by interacting with the people working in the organization and by consulting the supervisor attached to the interns.
6. While you are attending the internship, follow the rules and regulations of the intern organization.
7. While in the intern organization, always wear your College Identity Card.
8. If your College has a prescribed dress as uniform, wear the uniform daily, as you attend to your assigned duties.
9. You will be assigned a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow interns. Post your daily activity done and/or any difficulty you encounter during the internship.
10. Identify five or more learning objectives in consultation with your Faculty Guide. These learning objectives can address:
 - a. Data and Information you are expected to collect about the organization and/or industry.
 - b. Job Skills you are expected to acquire.
 - c. Development of professional competencies that lead to future career success.
11. Practice professional communication skills with team members, co-interns, and your supervisor. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
12. Be aware of the communication culture in your work environment. Follow up and communicate regularly with your supervisor to provide updates on your progress with work assignments.

13. Never be hesitant to ask questions to make sure you fully understand what you need to do your work and to contribute to the organization.
14. Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.
15. At the end of internship, you shall be evaluated by your Supervisor of the intern organization.
16. There shall also be evaluation at the end of the internship by the Faculty Guide and the Principal.
17. Do not meddle with the instruments/equipment you work with.
18. Ensure that you do not cause any disturbance to the regular activities of the intern organization.
19. Be cordial but not too intimate with the employees of the intern organization and your fellow interns.
20. You should understand that during the internship programme, you are the ambassador of your College, and your behavior during the internship programme is of utmost importance.
21. If you are involved in any discipline related issues, you will be withdrawn from the internship programme immediately and disciplinary action shall be initiated.
22. Do not forget to keep up your family pride and prestige of your College.

-----<<@>>-----

Student's Declaration

I, Yappaika. Kumar a student of 4 Months Internship
Program, Reg. No. 202200105005 of the Department of physics
College do hereby declare that I have completed the mandatory internship
from 12-12-2022 to 18-03-2023 in A.P. State Directorate ^{fire Services Department} ~~Respose~~ Name of
the intern organization) under the Faculty Guideship of
Ravi Kumar (Name of the Faculty Guide), Department of
physics, Government Degree College (MEN) Srikakula
(Name of the College)

Y. Kumar
(Signature and Date)

Official Certification

This is to certify that Yapparika. Kumar (Name of the student) Reg. No. 2022001050051 has completed his/her Internship in A.P State Disaster Response Fire Services Department (Name of the Intern Organization) on Fire Services Department (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of physics in the Department of Government Degree College (Name of the College).
(men) Srikakulam

This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements

Faculty Guide


- 1.20/04/2023

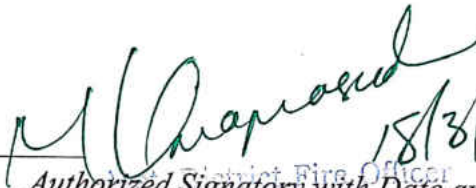
Head of the Department

Principal

Certificate from Intern Organization

This is to certify that yapparika. Kumar (Name of the intern)
Reg. No 2022001050051 of Govt. Degree College (Name of the
College) underwent internship in A.P State Disaster Response ^{fire, Services Department} (Name of the
Intern Organization) from 12-12-2022 to 18-03-2023

The overall performance of the intern during his/her internship is found to be
good (Satisfactory / Not Satisfactory).


18/3/23
Authorized Signatory with Date and Seal
A.P.S.D.R & Fire Services
Fire Station Srikakulam

Acknowledgements

this fire station Internship report is due End of a way four months. It would not have been possible without the participations assistance of nervous brave and courageous people along the way. this I have to thank's them all.

first I would like to give special graduate to my parents, who gave me an opportunity to keep my step a hand.

I am indebted to my college Teachers and the principal for their vision Encouragement and Enduring interest in the Internship.

I Extended my graduate to my classmates and Specially to our group member with who I started are my Dark Days together we started our Academic and social problems.

Special thank must be given to be Sirs and officers of fire Department in SriKakulam. In this feedback have and support with which I achieved skills and Development tasks and more.

Importantly, I would like all there who made
this Report possible and home as reality with their
kind Assistance.

Contents

What are the different classes of fires?

while fire can seem like a big threatening force, it's important to know that there are actually several classes of fires. A fire class can determine how active it burns, how dangerous it is, and the best way to suppress or put it out. The 5 different classes of fire each have their own best approach to put them out safely and effectively.

Here are the different classes of fire:

- The main classes of fires are categorised by the what caused the fire or what the fire was of fuel as follows.
- Such solid materials such as wood or paper fabric and some plastics.
- liquid or gas such as alcohol, oil, gas, oil or grease
- metals and electrical fires or other such as other materials distance from it power off which is used sand

CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have a brief executive summary. It shall include five or more Learning Objectives and Outcomes achieved, a brief description of the sector of business and intern organization and summary of all the activities done by the intern during the period.

the Total During the period of Internship in Fire Department we know about Extinguishing fires in their Area. protecting life and property in the even of fires their Area. Rescuing and protecting the people in the Event of a Road traffic collision, Building Collapse and save life's in toofan and critical condition and Rescuing and protecting people in the Event of other Emergencies.

And also we Learning the safety precautions during the fire situations like protection of life protection of property. and using the near resources to Neutralise the fire. the Effective fire safety training provides a set of practices and procedures to minimize the destruction caused by a fire hazard.

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

Suggestive contents

- A. Introduction of the Organization
- B. Vision, Mission, and Values of the Organization
- C. Policy of the Organization, in relation to the intern role
- D. Organizational Structure
- E. Roles and responsibilities of the employees in which the intern is placed.
- F. Performance of the Organization in terms of turnover, profits, market reach and market value.
- G. Future Plans of the Organization.

A) Andhra pradesh state Disaster Response and fire Services Department.

B) i) Vision:- To provide the highest standard and Best Value Service to the Community.

ii) Our mission:- To improve public safety through prevention, protection and Response and Resilience.

iii) Our Values:- Respectful, honest, Courageous, ambitious inclusive and transparent.

C) fire policy its Essential for fire Department to Develop and implement consistent, through fire Department policies and procedures in Relation to the Intern role.

D) The chief is on the top of the fire department's organisation and leads a group of battalions or sometimes just one in the case of many small towns. Companies make up the battalions and are organized around the speciality a piece of apparatus like a fire engine and the speciality of the team.

E) Extinguishing fires in their area protecting life and property in the event of fires in their area. Rescuing and protecting people in the event of a road traffic collision and rescuing and protecting people in the event of other emergencies.

F) The performance of the fire department to protect the people. This organisation is not private one this is under the Andhra Pradesh State Government.

G) As discussed earlier, once you have entered into the field of fire and safety your career path extends from fire and safety officer, fire fighter external fire and safety consultant.

CHAPTER 3: INTERNSHIP PART

Description of the Activities/Responsibilities in the Intern Organization during Internship, which shall include - details of working conditions, weekly work schedule, equipment used, and tasks performed. This part could end by reflecting on what kind of skills the intern acquired.

A fire station is also called a fire house, fire hall, is a structure or other area for storing fire fighting apparatus. Such as fire engine and fire tender vehicles, It consists of extinguishers and generator hydraulic cutter, life jackets and related vehicles.

personal protective equipment fire hoses and other protective specialized equipment fire stations frequently contain working conditions and weekly work schedule is planned by a team and equipment used and tasks are performed.

And I was acquired some kind skills like they working as a team and be punctuality in the working hours and safe precautions and how to use the fire equipment during the emergency situations.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	order of control in a fire They are 5 types of fire control	what is use of Control Fire in different ways stop fires.	
Day -2	Explain about the different types of class A, class B, class C, class D, Electrical fire controls.	How to Reduce the different types class to users what material to control fire	
Day -3	Class A: fire :- natural fire B class: petrol, diesel, kerosene,	In these nature fire To Reduce used to water, foam Remove O ₂ , Blanket	
Day -4	C class: gases fire D class: metals fire Electrical fires	In these fire To Reduce used CO ₂ used, distance above another metals, current switch off	
Day -5	Explain about the Education qualification for each cadre Post.	fire man - Inter SF O - any degree in any university.	
Day -6	Explain about briefly fire station and officers its details.	ADFO } any degree DCFO } of quality RFO } Seniority.	

WEEKLY REPORT

WEEK - 1 (From Dt. 12.12.2022 to Dt. 17.12.2022)

Objective of the Activity Done:

Detailed Report:

order of control fires. In these fire they are different types of fire order of control.

- 1) A class fire
- 2) B class fire
- 3) C class fire
- 4) D class fire
- 5) Electrical fire

1) A class fire :- The fire which is caused by a natural resources is called as A class fire.
Reduce :- used to water.

2) B class fire :- The fire which is caused by petrol, diesel, kerosene is called as B class fire.
Reduce :- used to foam, Remove O_2 , Blanket

3) C class fire :- The fire which is caused by gases fire is called as C class fire.
Reduce :- CO_2 used.

4) D class fire :- The fire which is caused by metals fire are called D class fire.

Reduce :- Surrounding another metals are distance from it
5) Electrical fire :- The fire which is caused Electrical are called Electrical fire Reduce :- Poweroff, used sand.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	fire officers Explain Extreme Ladder	I understanding Extension Cadder in fire office	
Day -2	next Day Explain Special risk radio practice material Nuclear Explains	I understanding Special risk and Reactive tamaria	
Day -3	fire office Explain hook Ladder	I understanding hook Ladder in fire office	
Day -4	Explained about the Escape Ladder	I understanding from table Ladder in fire office	
Day -5	Explain the Equipment In fire office	I Learned the Equipment of the fire office	
Day -6	fire office explained the table Ladder	I Learned the table Ladder in fire office	

WEEKLY REPORT

WEEK - 2 (From Dt. 12.12.2022 to Dt. 24.12.2022)

Objective of the Activity Done:

Detailed Report:

In the 2nd week I have observed the class about their performance in studies and their capabilities I have discussed with them about two study and manage fire Department.

Syllabus:-

I have a Some New classes Regarding their new syllabus and their fire officers more Important to pieces in fire Department classes which they are very active in group Discussions and creative thinking. I have taken group members are share with Idea giving Information about what talked class we have group to achieve the theme.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	3rd week 1st Day Fire officer Explain Snanleeks	I understanding Snanleel in the office	
Day - 2	Explain partial fire menship	I understanding partial fire in fire office	
Day - 3	Explained standard watch room procedure	I understanding watch room procedure	
Day - 4	Explained standard Test	I understanding standard test in fire office	
Day - 5	Explained Knot Lines	I understanding Knots in fire office	
Day - 6	Explained the fire types	I understanding the types fires in fire officers	

WEEKLY REPORT

WEEK - 3 (From Dt. 26.12.2022 to Dt. 31.12.2022)

Objective of the Activity Done:

Detailed Report:

In this week I have Developed my fire Department Knowledge skills inclucal Approach which Enchanced my Communication Skills is very week.

And I have also Interacted with the respected fire Department officer about the system Situations problems etc and the fire operating classel so that the feel they are in a open space

I have also Lowder with fire Department and other staff members which made Meatner know about how things that happens behind the fire Department.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explain fire office Building construction	I understanding Building of the construction	<i>[Signature]</i>
Day -2	Explain fire officer chemical Extinguisher	I understanding chemical Extinguisher	<i>[Signature]</i>
Day -3	Explaning fixed fire fighting in stallations	I understanding fixed fire fighting installation	<i>[Signature]</i>
Day -4	Explain Sprinklets Drenched CO ₂ installations	I Learned Sprinklets Drenched of CO ₂	<i>[Signature]</i>
Day -5	Explain plan reading in fire officers	I understanding plan reading	<i>[Signature]</i>
Day -6	Explain rural fires in fire office	I Learned about Rural fires	<i>[Signature]</i>

WEEKLY REPORT

WEEK - 4 (From Dt. 02.01.2023 to Dt. 07.01.2023)

Objective of the Activity Done:

Detailed Report:

In this week I have developed my skills such as fire Department knowledge motivation class and Managing a team work active participation when to the previous week and more knowledge to fire Department.

I have also observed about the fire station and Reasoning topics and Arithmetic topics and fire Department topics and I have also interacted with them and gave advice and explained about strategies of competitive exams to solve them in Easier way.

The fire department classes also have been very well in all activities.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explain about storage of hazards goods	I understanding storage of hazards goods	<i>[Signature]</i>
Day -2	Explain Gas fires	I Learned about gases fires	<i>[Signature]</i>
Day -3	Explained about chemical of heat	I understanding chemistry of heat	<i>[Signature]</i>
Day -4	Explain air conditing Refrigeration	I Learned air conditing Refrigeration	<i>[Signature]</i>
Day -5	Explained chemicals Compounds	I understanding chemical Compounds	<i>[Signature]</i>
Day -6	Explain Electricity	I understanding Electricity	<i>[Signature]</i>

WEEKLY REPORT

WEEK - 5 (From Dt. 09.01.2023 to Dt. 14.01.2023)

Objective of the Activity Done:

Detailed Report:

In this Week I have Developed my skills such as way of Expressing my knowledge to others for and also I Lost my stage fear. In this four months. Project work my self fear and other skills which Enhanced me very well.

I come to know few good things and also some problems which made things in different way to solve them. Finally I got a Better Experience as a Fire Department and it was a nice job through which we can give knowledge to others.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explain mock Drills in Industries	I understanding mock Drills	<i>smc</i>
Day -2	Explain about awareness programs in schools and college	I understand awareness programmes	<i>smc</i>
Day -3	Explained Basic fire fighting	I understand fire fighting	<i>smc</i>
Day -4	Explain about fire safety skills	I understand fire safety skills	<i>smc</i>
Day -5	Explain about duties in flood is and cyclones	I understand Duties in the Flood & Cyclones	<i>smc</i>
Day -6	Explained about first aid	I Learned first aid	<i>smc</i>

WEEKLY REPORT

WEEK - 6 (From Dt. 16.01.2023 to Dt. 21.01.2023)

Objective of the Activity Done:

Detailed Report:

In this entire week of have acquired knowledge about fire Duties and awareness of programmes and mock drills in Industries.

- Awareness programmes in schools and college for telling about the safety precaution's for students of During fire and Emergency Situations.
- fire Department Serves Explained about first in Emergency and fire and floods situation to Rescue methods of fire and floods Situations
- mock drills are in Industries to prevent fire Causes During the work condition in industries. they are aware about fire safety and first aid, Rescue skills for people

ACTIVITY LOG FOR THE SEVEN WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explained fire prevention in General	I understanding fire prevention in General	<i>smg</i>
Day -2	methods of the Raising Alarm	I understanding raising alarm	<i>smg</i>
Day -3	Explain Action to Initiate upon Discovering fire	I understanding Initiate upon discovery a fire	<i>smg</i>
Day -4	Explained fire fighting Equipment	I Learned fire fighting Equipment	<i>smg</i>
Day -5	Explained fire operator	I Learned fire operator	<i>smg</i>
Day -6	Explain Emergency calls	I Learned Emergency calls	<i>smg</i>

WEEKLY REPORT

WEEK - 7 (From Dt. 23.01.2023 to Dt. 29.01.2023)

Objective of the Activity Done:

Detailed Report:

In this Entire week I have a Extra some motivation classes life Self Introduction games to interact with them to know about their state of mind and comment with them.

I have also thought them two Lessons from their syllabus in understandable manner so that they have left them they come to know about some New things and I have observed their fire department knowledge

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Ist Day fire Inspect and maintains Equipments	I understanding inspect and the maintenance Equipments	<i>[Signature]</i>
Day -2	Explained fire classes Carry out practices drills and taken interesting	I Learned Carry out practices drills	<i>[Signature]</i>
Day -3	Explained fire class Control and put out fire	I understanding control and put out fires	<i>[Signature]</i>
Day -4	Explain fire class Deal with Bomb alerts and floods	I Learned deal with bomb alerts and floods	<i>[Signature]</i>
Day -5	Explain fire class respond to Emergency calls cuts	I understanding respond to Emergency calls	<i>[Signature]</i>
Day -6	Explain fire calls manage chemicals or hazardous substance	I understanding manage chemical or hazardous drills	<i>[Signature]</i>

WEEKLY REPORT

WEEK - 8 (From Dt. 30.01.2023 to Dt. 04.02.2023)

Objective of the Activity Done:

Detailed Report:

In this Entire week, I have observed about the classes their performance in study and their Education Capability. I have discussed about how to be good and become Better in Fire Department performatally.

I have conducted some new Activities Regarding their Syllabus and create an Environment in which they are very active group Activities and in Fire Department.

ACTIVITY LOG FOR THE NINTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explain fire classes and Excellence Communication	I Learned Excellence in Communication	PLA
Day -2	Explain fire classes and Explain compansion	I understanding Comparsion	PLA
Day -3	Explain fire class first and Sound Decision making Skills	I Learn fast and Sound Decision making Skills	PLA
Day -4	Explain fire classes in courage	I understanding Courage	PLA
Day -5	Explain fire classes in physical Stamina and strength	I understanding physical Stamina and strength	PLA
Day -6	Explain fire classes in fire operator.	I Learned fire operator	PLA

WEEKLY REPORT

WEEK - 9 (From Dt. 06.02.2023 to Dt. 11.02.2023)

Objective of the Activity Done:

Detailed Report:

In this week I have Developed my fire department skills from syllabus lessons to a practical approach which Extained my Communication skills is very well.

And I have also interacted with the some new Activities Regreating their syllabus and create and Enviromment in which and starts work which made me know things that happens behind fire station.

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Explained order of Control	I Learned order of Control	<i>Ph</i>
Day - 2	Explained about fire organization	I Learned organization	<i>Ph</i>
Day - 3	Explained fire station and officer details	I understand officer details	<i>Ph</i>
Day - 4	Explain Education qualification for each Cadre post	I Learned qualification for each Cadre	<i>Ph</i>
Day - 5	Explain Selection procedure for each Cadre	I understand Each Cadre selection procedure	<i>Ph</i>
Day - 6	Explain promotions of each Cadre	I understand about promotions	<i>Ph</i>

WEEKLY REPORT

WEEK - 10 (From Dt. 13.02.2023 to Dt. 18.02.2023)

Objective of the Activity Done:

Detailed Report:

In this week I Learned about
Rules and Services and Campaigns of
Fire Department.

Fire Department Rules

Our Quick Services :-

- Fire attendant certificate
- fire NOC
- Important Circulars
- fire rules
- RTI Act

Public Campaigns

- Fire Statics
- fire station List
- Contact fire officer
- photos gallery
- video gallery

ACTIVITY LOG FOR THE ELEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Explain fire class in mechanics of Combustion	I understanding mechanics of Combustion	<i>slu</i>
Day - 2	Explain fire class in points.	I understanding points	<i>slu</i>
Day - 3	Explain fire class in oxygen Required for Combustion	I understanding Required for Combustion	<i>slu</i>
Day - 4	Explain fire class in Ignition Temperature	I understanding Ignition and Temperature	<i>slu</i>
Day - 5	Explain fire class in fire triangle	I understanding fire Triangle	<i>slu</i>
Day - 6	Explain fire class in fire presentation.	I understanding fire presentation	<i>slu</i>

WEEKLY REPORT

WEEK - 11 (From Dt. 20.02.2023 to Dt. 25.02.2023)

Objective of the Activity Done:

Detailed Report:

Fire Department works

Some of their Work Responsibility include:-

- maintaining fire fighting Equipment and tools
- operating fire fighting Equipment and tools
- Driving a fire truck.
- providing fire prevention training
- performing Entry Duty at the fire station
- Under taking medical care in Emergency.

The fire Service now Responds to hazards Material incidents advanced. Emergence medical situations high angle Rescue and confined space Rescue incidents trench and collapse operations under water Rescue and many.

ACTIVITY LOG FOR THE TWELVETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explained the emergency action plan.	I understanding Emergency action plan	✓
Day -2	Explained common Causes of Electric fires	I understanding common Causes of Electric fires	✓
Day -3	Explained fire Training	I understand fire training	✓
Day -4	Explained about Care of Equipment	I understand checking care Equipment	✓
Day -5	Explained checking Equipment	I understand checking of Equipment	✓
Day -6	Explained the protective clothing	I Learned about protective clothing	✓

WEEKLY REPORT

WEEK - 12 (From Dt. 27.02.2023 to Dt. 04.03.2023)

Objective of the Activity Done:

Detailed Report:

Most common Cause of fire. most
Common Causes of house fires.

Cooking Equipment :-

when a pot or pan over
heating of Spactor grease it can take
Seconds to Cause a fire.

- Heating Equipment
- Careless Smoking
- Electrical Equipment
- Candles
- Children playing with fire
- inadequate wiring

Electrical Equipment :-

- you Electrical appliances Don't have cause
as frayed Cords plug
- you outlets aren't over Loaded with plug
- you're not overbing an Extension Cords
as adaption.

ACTIVITY LOG FOR THE THIRTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explain the Carbondioxide Extinguisher System	I understanding Carbon dioxide Extinguisher	<i>sub</i>
Day -2	Explain about fire flash point	I Learned of flash point	<i>sub</i>
Day -3	fire class in a fire fighting Explained	I Learned fire fighting	<i>sub</i>
Day -4	Explain Basics of fire fighting	I understand Basics of fire fighting	<i>sub</i>
Day -5	Explain about fire Rescues	I Learned Fire Rescues	<i>sub</i>
Day -6	Explain fire class respectively protection Devices.	I understand respectively protection Devices	<i>sub</i>

WEEKLY REPORT

WEEK - 13 (From Dt. 05-03-2023 to Dt. 11-03-2023)

Objective of the Activity Done:

Detailed Report:

Fire is the Rapid oxidation of the fuel in the Exothermic chemical process of Combustion. Releasing heat and light and various reaction products at a certain rate. In the Combustion process, flames are produced. The flame is the visible portion of the fire.

The hottest part of the flame is the burn. So this typically burns with a different colour to the outer edge or the rest of the flame body. Blue flames are the hottest, followed by white, then yellow, orange and red are due to common colours you see in most fires.

ACTIVITY LOG FOR THE FOURTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explain about Tender vehicle in fire office	I understand Tender vehicle	
Day -2	Explained about floods and cyclone Duties	I understand flood's and cyclones Duties	
Day -3	Explained Rescue method in fire	I Learned Rescue methods	
Day -4	Explained fire Tender vehicle Equipment	I understand Tender vehicle Equipment	
Day -5	Explained using of fire Equipment	I Learned of using fire Equipment	
Day -6	Explained water Capacity of Vehicles	I understand water Capacity of vehicles	

WEEKLY REPORT

WEEK - 14 (From Dt. 13.03.2023 to Dt. 18.03.2023)

Objective of the Activity Done:

Detailed Report:

In this week I Learned in fire Department about tender vehicle

Tender Vehicle

Tender vehicle consists of fire Equipment and Rescue materials like, hydraulic Jacky, hydraulic lift, hydraulic cutter, life jackets and the Generator and lights

- Capacity of water in Tender vehicle 4500 Litres.
- Tender vehicles are used in cyclones and floods more over in Emergency Situations
- Tender vehicle have one generator It used for lighting at night time at fire place or floods Area.

ACTIVITY LOG FOR THE FIFTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Explained about Contralline	I understanding Contralline	<u>xxxx</u>
Day -2	Explained about the Burning out	I understanding Burning out	<u>xxxx</u>
Day -3	Explained fire class in Back Burn	I understand Back burn	<u>xxxx</u>
Day -4	Explained about Flanking	I understanding of Flanking	<u>xxxx</u>
Day -5	Explained about hot spotting	I understand hot spotting	<u>xxxx</u>
Day -6	Explained about Cold trailing	I understand Cold trailing	<u>xxxx</u>

WEEKLY REPORT

WEEK - 15 (From Dt. 13.03.2023 to Dt. 18.03.2023)

Objective of the Activity Done:

Detailed Report:

fire Departments are most commonly a public sector organisation that operate utilization a municipality County State Nation as Special District private and Specialist fire fighting organisational also Exist such as those for air Craft Rescue and fire fighting.

A fire department contains on are more fire station with its Bandries and may be staffed by fire fighters who may be professional volunteers constant or on-call - combination fire Department empty a mix of professional and volunteer fire fighter.

A fire station also known as fire house or fire hall is a Building for starting fire Engines and the fire fighting Equipment.

CHAPTER 5: OUTCOMES DESCRIPTION

Describe the work environment you have experienced (in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)

The four months Internship I was Developing a positive work Environment in the fire Department. the fire station should be welcoming and feel like home But it also place of fire work.

- I was understanding the fire Department role in Disasters. Checking Installation and responding to non-fire emergency Due to natural and man made disaster of their Duties.
- the fire Department are responsible for training Efficiency, discipline, morale and safety of fire.
- the fire Department Discipline includes fire chief, fire inspector, fire officer all are to attend all serious fires, house collapse and their emergency calls. and guide the officers and staff at all emergency calls.
- and we learn the fire safety skills and Rescue method and first aid of small causes of fire.

Describe the real time technical skills you have acquired (in terms of the job-related skills and hands on experience)

Fire Safety

fire Safety standard Generally focus on minimizing the Reaction to fire of products and materials used in different living environment such as domestic Developing house hold Equipment of furnship and Electronics Building and different transport modes.

Tips to prevent (or) Escape a fire house :-

- Set upon Exit plan.
- put a Smoke Detector on Every Level your home.
- Install Smoke Alarms.
- plan your Escape from fire.
- Keep an eye on smokers.
- Cook Carefully.
- Give Space Heaters Space.
- matches and lighter are tools not toys.
- Use Electricity Safety.
- Keep a fire Extinguisher or blanket around at all times.

Describe the managerial skills you have acquired (in terms of planning, leadership, team work, behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.

Some Important Skills acquired in fire Department

- ① Communication:- fire fighters use strong communication skills when working with other fire fighters during emergency situations.
- ② Time Management:- fire department use time management skills when dealing with multiple responsibilities.
- ③ Spatial awareness:- fire department use spatial awareness to create entry plans for burning buildings and courses of action during emergency response situations.
- ④ first aid:- first aid skills are very important for successful fire fighter in many areas, EMTs and fire fighters work together and some injuries get EMT training.

Describe how you could improve your communication skills (in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.,)

Communication Skills

- ① Think Before you Speaking
- ② Speak with Confidence what your are Saying
or express
- ③ Actively listening before you start Speaking
- ④ Body Language matter
- ⑤ Reading is the step to improving Both writing and
Speaking skills
- ⑥ Choose your words wisely
- ⑦ Notice your body Language
- ⑧ Direct Communication along with an understanding
of how it is Valued will create a Better working
Environment.

Describe how could you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

- * Encourage self awareness and reflection in group work.

- * Being an effective group member

Communication Skills

- * Can explain their own ideas

- * Express their feelings in an open but non threatening way

- * listen Carefully to others

- * Ask questions to clarify others ideas and Emotions.

- * Can Sense how others feel based on their non-verbal Communication

- * will initiate conversation about group climate or process if they sense tensions brewing.

Describe the technological developments you have observed and relevant to the subject area of training (focus on digital technologies relevant to your job role)

Technology in the Fire Services covers for more than computers and software from personal protective Equipment to fire pumps.

- Currently fire fighters carry thermal vision cameras to help them see through flames and smoke
- Sensor web technology increases fire safety and prevention by getting better imagery into the hands of investigators faster and more often.

Fire Technology is the study of the organisation and function of fire prevention and suppression techniques fire behaviour, combustible materials, Extinguishing agents hazardous and toxic material fire protection techniques and system fire command and fire management

Student Self Evaluation of the Short-Term Internship

Student Name: Yapparika. Kumar

Registration No: 2022001050051

Term of Internship: From: 12-12-2022 To: 18-3-2023

Date of Evaluation:

Organization Name & Address: Andhra Pradesh state Disaster Response fire Services Department. OBS Srikakulam

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Y. Kumar
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: Yapparika . Kumar

Registration No: 2022001050051

Term of Internship:

From: 12-12-2022 To: 18-03-2023

Date of Evaluation:

Organization Name & Address: Andhra Pradesh State Disaster Response Fire
Services Department, OBS Srikulam
Name & Address of the Supervisor M. Varaprasad (A.D.F.O)
with Mobile Number 9963726783

Please rate the student's performance in the following areas:

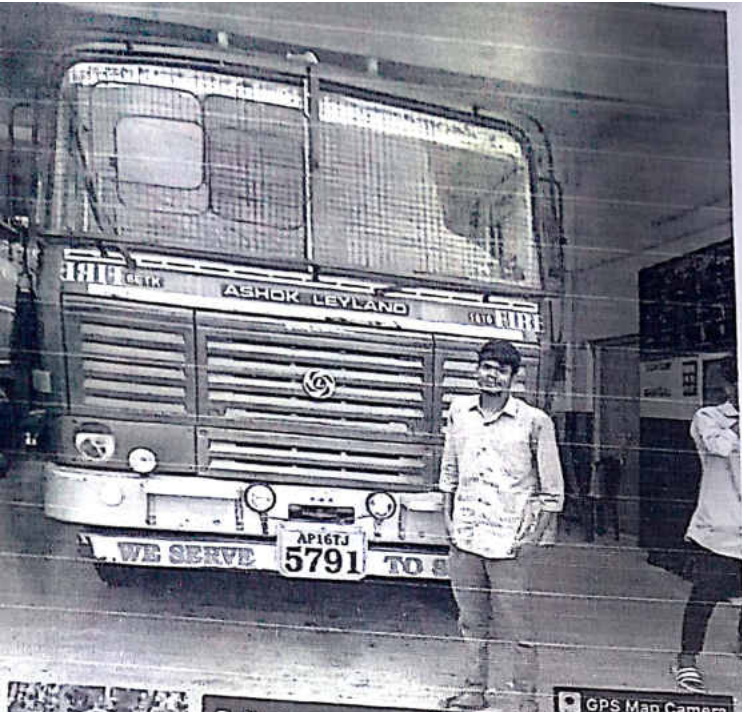
Please note that your evaluation shall be done independent of the Student's self-evaluation

Rating Scale: 1 is lowest and 5 is highest rank

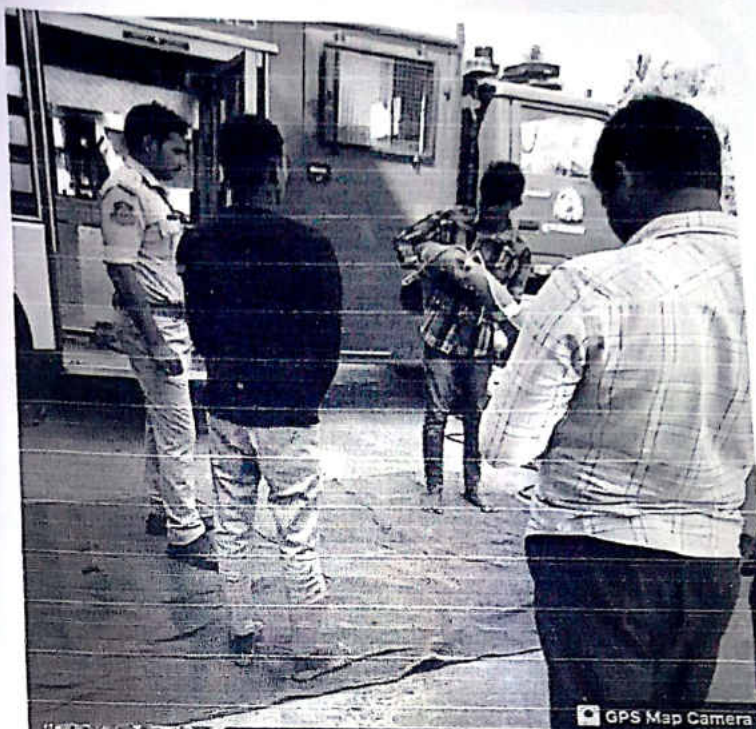
1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Supervisor



GPS Map Camera
Srikakulam, Andhra Pradesh, India
 7VRW+QPJ, Old Bus Stand Area, Chinna Bharatham
 Colony, Srikakulam, Andhra Pradesh 532001, India
 Lat 18.292007°
 Long 83.896808°
 31/01/23 12:59 PM GMT +05:30



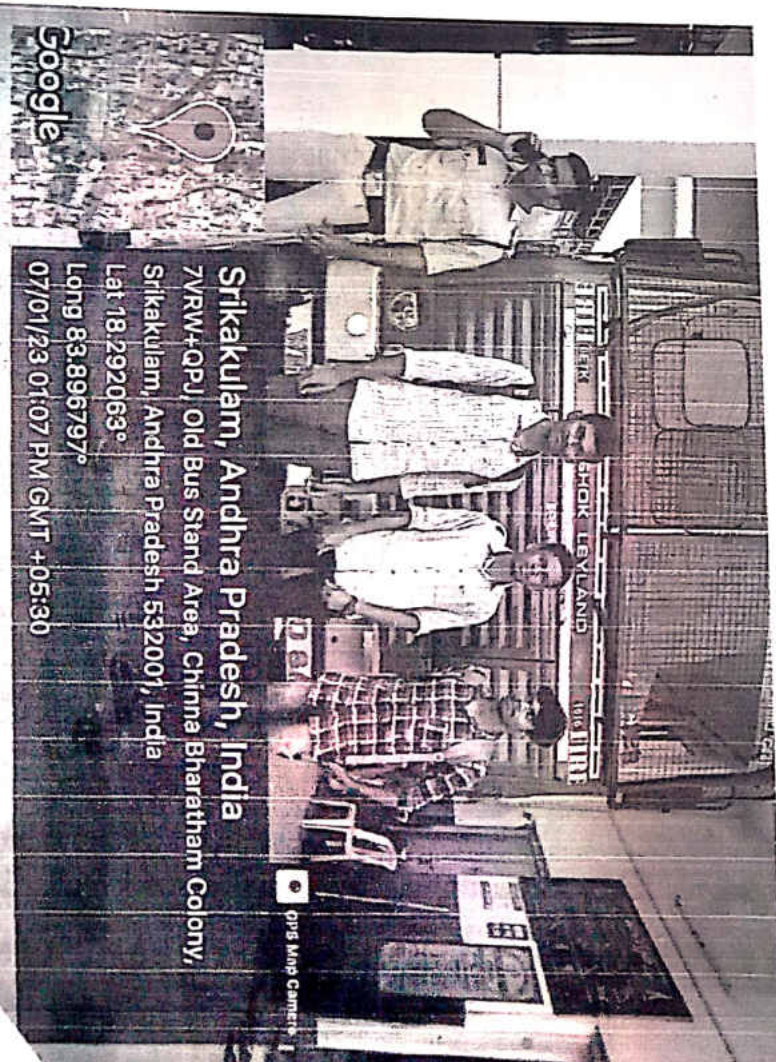
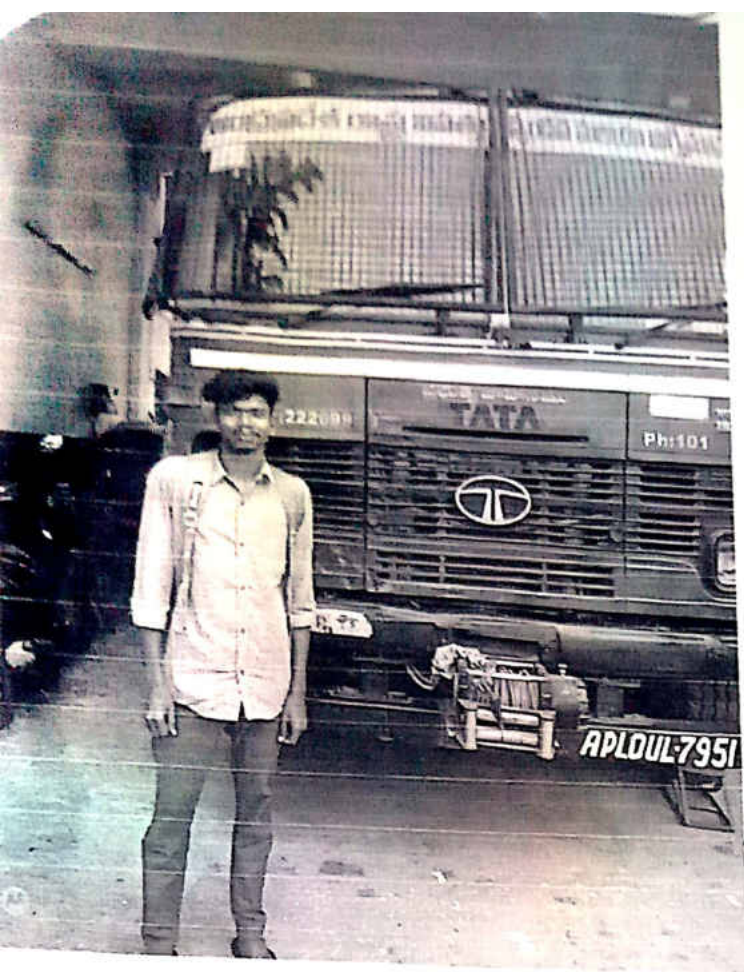
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 8363, Old Bus Stand Area, Chinna Bharatham Colony,
 Srikakulam, Andhra Pradesh 532001, India
 Lat 18.292118°
 Long 83.896802°
 04/02/23 11:52 AM GMT +05:30



GPS Map Camera
Srikakulam, Andhra Pradesh, India
 85, Old Bus Stand Area, Chinna Bharatham Colony,
 Srikakulam, Andhra Pradesh 532001, India
 Lat 18.291943°
 Long 83.897088°
 04/02/23 11:52 AM GMT +05:30



GPS Map Camera
Srikakulam, Andhra Pradesh, India
 7VRW+QPJ, Old Bus Stand Area, Chinna Bharatham
 Colony, Srikakulam, Andhra Pradesh 532001, India
 Lat 18.292063°
 Long 83.896797°
 07/01/23 01:07 PM GMT +05:30



Internal & External Evaluation for Semester Internship

Objectives:

- Explore career alternatives prior to graduation.
- To assess interests and abilities in the field of study.
- To develop communication, interpersonal and other critical skills in the future job.
- To acquire additional skills required for the world of work.
- To acquire employment contacts leading directly to a full-time job following graduation from college.

Assessment Model:

- There shall be both internal evaluation and external evaluation
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 200 marks. Internal Evaluation for 50 marks and External Evaluation for 150 marks
- The number of credits assigned is 12. Later the marks shall be converted into grades and grade points to include finally in the SGPA and CGPA.
- The weightings for Internal Evaluation shall be:
 - Activity Log 10 marks
 - Internship Evaluation 30 marks
 - Oral Presentation 10 marks
- The weightings for External Evaluation shall be:
 - Internship Evaluation 100 marks
 - Viva-Voce 50 marks
- The External Evaluation shall be conducted by an Evaluation Committee comprising of the Principal, Faculty Guide, Internal Expert and External Expert nominated by the affiliating University. The Evaluation Committee shall also consider the grading given by the Supervisor of the Intern Organization.
- Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual members within groups to be assessed this way. The assessment will take into consideration

the individual student's involvement in the assigned work.

- While evaluating the student's Activity Log, the following shall be considered -
 - a. The individual student's effort and commitment.
 - b. The originality and quality of the work produced by the individual student.
 - c. The student's integration and co-operation with the work assigned.
 - d. The completeness of the Activity Log.
- The Internship Evaluation shall include the following components and based on Weekly Reports and Outcomes Description
 - a. Description of the Work Environment.
 - b. Real Time Technical Skills acquired.
 - c. Managerial Skills acquired.
 - d. Improvement of Communication Skills.
 - e. Team Dynamics
 - f. Technological Developments recorded.

MARKS STATEMENT
(To be used by the Examiners)



INTERNAL ASSESSMENT STATEMENT

Name Of the Student: yapparika . Kumar

Programme of Study: 2021-2023

Year of Study: IIIrd year 2023

Group: MPCB

Register No/H.T. No: 2022001050051

Name of the College: Government Degree College (MEN) Srikakulam

University: Dr. B.R Ambedhakar University

SL.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	10	
2.	Internship Evaluation	30	
3.	Oral Presentation	10	
	GRAND TOTAL	50	

Date:

 20/04/2023
Signature of the Faculty Guide

EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: Yapparika Kumar

Programme of Study: 2021-2023

Year of Study: 4th year

Group: mps

Register No/H.T. No: 2022001050051

Name of the College: Government Degree College (MEN) Srikakulam

University: Dr. B.R. Ambedhaker university

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Internship Evaluation	80	
2.	For the grading giving by the Supervisor of the Intern Organization	20	
3.	Viva-Voce	50	
	TOTAL	150	
GRAND TOTAL (EXT. 50 M + INT. 100M)		200	

Signature of the Faculty Guide

Signature of the Internal Expert

Signature of the External Expert

Signature of the Principal with Seal