

SML GOVT.DEGREE COLLEGE, YEMMIGANUR

CERTIFICATE COURSE

ON

“FIRST AID”

ORGANISED BY

DEPARTMENT OF ZOOLOGY

2020-2021

Syed. Fakrunnisa

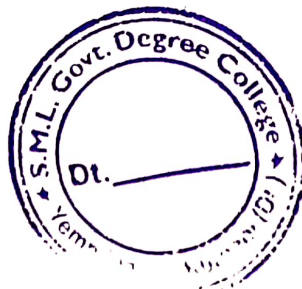
Syeda Fakrunnisa
Incharge

DEPT. OF ZOOLOGY
Dept. of Zoology
Sri Mahayogi Lakshamma
Govt. Degree College
Yemmiganur - 518 360,

Dr K.Mahaboob Basha

Principal

Dr. Mahaboob Basha
PRINCIPAL
SML. Govt. Degree College
YEMMIGANUR, Kurnool (Dt.)



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ESTD 1982

SML Government Degree College
Yemmiganur, Kurnool dist., Andhra Pradesh

Affiliated to Rayalaseema University, Kurnool-518360, A.P



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Departmental meeting-06

The faculty members of the Zoology Department met in the principal chamber to discuss to conduct a certificate course in zoology. Titled" FIRST AID" under chairmanship of the principal and faculty of the department on 10-04-2021

10.4.2021

Agenda: Starting a certificate course for IIBZC Students

Resolutions:

- 1 .It is resolved to start the certificate course titled FIRST AID from 15/4/2021 to 9/6/2021 (30 hours) for the academic year 2020-2021
2. It is also resolved to frame the syllabus, regulations for the successful completion of the certificate course titled FIRST AID
3. Resolved to enroll 17 students to the course
- 4 Resolved to conduct classes in all working days from 9AM TO 10 AM
5. Resolved to conduct exam after the completion of course and issue certificate to qualified candidates qualifying marks 40%

Members present:

- 1 *Syeda Farah Bery*
Incharge
- 2 **Dept. of Zoology**
Sri Mahayogi Lakshamma
Govt. Degree College
Yemmiganur - 518 360,

Date: 13-04-2021

TO

The Principal,

SML Govt Degree College,

Yemmiganur.

Sir,

Sub: Department of Zoology-to start a certificate course on "FIRSTAID"

Permission-request-regarding.

.....#.....

I am pleased to inform you that a certificate course on "FIRST AID" IIB.Sc BZC students of our college is planned in this semester of 2020-2021 academic year by the Department of Zoology .It will be conducted by the zoology department.

In this connection, I request you to kindly accord us permission to start the certificate course for the benefit of the students as well as the society.

Yours faith fully

Syed Fakhr Bery
Syed Fakhr Bery
In charge

Dept. of Zoology
Sri Mahayogi Lakshamma
Govt. Degree College
Yemmiganur - 518 360,

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14-04-2021

SML GOVERNMENT DEGREE COLLEGE, YEMMIGANUR

DEPARTMENT OF ZOOLOGY

CIRCULAR

All III year students are here by informed that the Department of Zoology will start a certificate course on **FIRST AID** From 15-4-2021 Those who are interested to join the course they have to enroll their names in the Department of Zoology and certificate will be given after completion of the course.

Name of the course: First-Aid

Duration of the course:30 Hours

Commencement of the course:15-4-2021

Time schedule of the classes:9AM to 10AM

Syeda Fatma Begum
IN CHARGE OF THE DEPARTMENT
Dept. of Zoology
Sri Mahayogi Lakshmanima
Govt. Degree College
Yemmiganur - 518 360,

SIGNATURE OF THE PRINCIPAL

S. C. Sathya Choudhary

PRINCIPAL
SML. Govt. Degree College
YEMMIGANUR, Kurnool (Dt.)

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SML GOVT.DEGREE COLLEGE,YEMMIGANUR.

DEPT. OF ZOOLOGY(2020-2021)

WILLINGNESS OF THE STUDENTS FOR THE CERTIFICATE COURSE

"FIRST AID"

SNO	Regd Number	Name of the Student	Group&Class	Signature
1	18358049001	A. Lazar	III BZC	A. Lazar
2	18358049002	B. Amaresh	III BZC	B. Amaresh
3	18358049003	B.Govindu	III BZC	B. Govindu
4	18358049004	B.Umamaheswari	III BZC	B. Umamaheswari
5	18358049005	B.Varalakshmi	III BZC	B. varalakshmi
6	18358049006	Vijay	III BZC	vijay.
7	18358049007	G.Malli karjuna	III BZC	G. Mallikarjuna
8	18358049008	K.Tharun	III BZC	K. Tharun.
9	18358049009	K.MD.Sufiyan	III BZC	K. MD Sufiyan
10	18358049010	K.Raja sekhar	III BZC	K. Raja Sekhar.
11	18358049011	M.Raghavendra	III BZC	M. Raghavendra
12	18358049012	N.Ganesh Naidu	III BZC	N. Ganesh Naidu
13	18358049013	P.Shivaji	III BZC	P. Shivaji
14	18358049014	P.Ajaruddin	III BZC	P. Ajaruddin
15	18358049015	P.Badesab	III BZC	P. Badesab
16	18358049016	P.Thriveni	III BZC	P. Thriveni
17	18358049017	S.Veeresh	III BZC	S. Veeresh

Syeda Faru Begum
Incharge
Dept. of Zoology
Sri Mahayogi Lakshamma
Govt. Degree College
Yemmiganur - 518 360,

K. Achal Rao

PRINCIPAL
ML. Govt. Degree College
YEMMIGANUR, Kurnool (Dr.)

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Certificate course: - First AID

Brief report:

The department of zoology SML Govt, Degree College organized a certificate course in "First AID" for III B.Sc students during the academic year 2020-2021 for a period of 30 days i.e. 15-04-2021 to 09-06-2021

In this connection **Dr K.Mahaboob Basha**, principal of the college presided over the inaugural and expressed that it was very useful course for everyone in daily life. He also appreciated the faculty of zoology department for organizing the valuable certificate course. He advised the students to utilize it in a proper manner.

During the above period a few faculty members of college took part in the course actively and express their views and suggestions for betterment of the programme. The faculty members involved in the programme are

1. Syed Fakrunnisa Begum Lec.in Zoology

After completion of the course an assessment test conducted for participation both in theory and practicals

Performance of the participants was well and good.

FIRST AID

UNIT I First aid basics: first aid, importance of first aid, first aider, laws of first aid, contents of an ideal first aid kit, dealing with an emergency.

UNIT II Emergency response: CPR, steps for performing CPR, CPR for newborns and infants, recovery position, first aid in drowning, fractures of bones, causes and types of fractures, dislocation.

UNIT III First aid in burns: Types of burns, danger of burns, first aid in dry burns and scalds, electrical burns, chemical burns, sunburn, heatstroke.

UNIT IV First aid in wounds and injuries: types of wounds- small cuts and abrasions, Head injury- nose bleed, bleeding gums, bleeding from varicose veins, Shocks- causes of shock and its first aid.

UNIT V First aid in poisoning: poisoning by swallowing, gases, injections, skin absorption, Animal bites, snake bites and insect stings.

UNIT VI First aid in foreign objects entering the sense organs: foreign body in the eye, ear, nose, skin, swallowing of foreign objects.

Learning Outcomes

At the completion of this course, the student should be able to

- Administering basic life support skills including cardiopulmonary resuscitation
- Providing first aid of simple and multiple system trauma such as
- Controlling hemorrhage
- Managing Burns and wounds
- Manually stabilizing injured extremities
- Identifying signs of Stroke and heart attack and safe transfer after first aid without delay in transfer.
- Manage general medical complaints seizures and animal bites (snake /dog bite)

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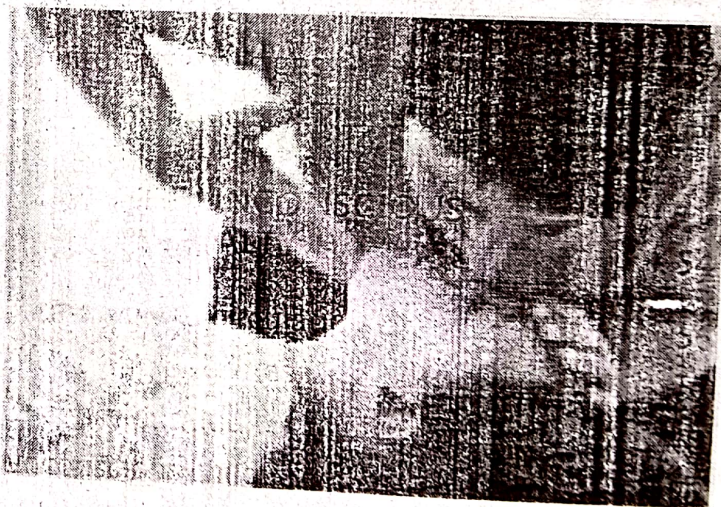


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INTRODUCTION

This manual, now in its fifth edition, is published in collaboration with the American College of Emergency Physicians (ACEP). The content is based upon guidelines of the American Heart Association and the American Red Cross. ACEP makes every effort to ensure that its reviewers are knowledgeable content experts. Readers are nevertheless advised that the statements and opinions in this publication are recommendations at the time of publication and should not be construed as official ACEP policy nor should the materials contained here be regarded as a substitute for medical advice. ACEP is not responsible for, and expressly disclaims all liability for, damages of any kind arising out of

use, reference to, reliance on, or performance of such information. The materials contained herein are not intended to establish policy, procedure, or a standard of care. First aiders are advised to obtain training from a qualified trainer and keep their certification current, and to recognize the limits of their competence.

The first three chapters provide background information to help you manage a situation safely and learn how to assess a sick or injured person. Treatment for injuries and conditions is given in the chapters that follow, which are grouped by body system or the type of injury. The final chapter provides a quick-reference guide to emergency first aid.

HOW TO USE THIS BOOK

ANATOMY

The chapters are grouped by body system or cause of injury. Within the sections there are easy-to-understand anatomy features

that explain the risks involved with particular injuries or conditions and how and why first aid can help.

Color-coded chapters help you find relevant sections easily

Introduction gives an overview of the anatomy for the section

Clear, computer-generated artworks of body systems illustrate each section

Additional artworks provide extra information

FOUNDATIONS AND CIRCULATION

THE HEART AND BLOOD VESSELS

The heart and the blood vessels make up the circulatory system. These structures supply the body with a constant flow of blood, which brings oxygen and nutrients to the tissues and carries waste products away.

Blood is pumped around the body by rhythmic contractions (beats) of the heart muscle. The blood runs through a network of vessels, divided into three types, arteries, veins, and capillaries. The force that is exerted by the blood flow through the main arteries is called blood pressure. The pressure varies with the strength and phase of the heartbeat, the elasticity of the arterial walls, and the volume and thickness of the blood.

How blood circulates
Oxygenated blood passes from the left side of the heart to the lungs, to body tissues and the return side. Deoxygenated blood returns to the heart through the veins.

How the heart functions
The heart pumps blood by muscular contractions called heartbeats, which are controlled by electrical impulses generated in the heart. Each beat has three phases: diastole, when the blood enters the heart, atrial systole, when it is squeezed out of the atria (collecting chambers), and ventricular systole, when blood leaves the heart.

In diastole, the heart relaxes. Oxygenated blood from the lungs flows through the coronary veins into the left atrium. Blood that has given up its oxygen to body tissues (deoxygenated blood) flows from the venae cavae (large veins that enter the heart) into the right atrium.

In atrial systole, the two atria contract and the valves between the atria and the ventricles (pumping chambers) open so that blood flows into the ventricles.

During ventricular systole, the ventricles contract. The thick-walled left ventricle forces blood into the aorta (main artery), which carries it to the rest of the body. The right ventricle pumps blood into the pulmonary arteries, which carry it to the lungs to collect more oxygen.

COMPOSITION OF BLOOD
There are about 5 pints (5 liters), or 1 pint (500 mL) of blood in the average adult body. About 45 percent of the blood is clear yellow fluid (plasma). In this fluid are suspended the red and white blood cells and the platelets, all of which make up the remaining 55 percent.

KEY
Arteries carrying oxygenated blood
Veins carrying deoxygenated blood

THE HEART AND BLOOD VESSELS

How blood flows through the heart
The heart's right side pumps deoxygenated blood from the body to the lungs. The left side pumps oxygenated blood to the body via the aorta.

KEY
Arteries carrying oxygenated blood
Veins carrying deoxygenated blood

Capillary networks
The capillary network is the site of exchange of oxygen and nutrients between the blood and the tissues. The capillary network is made up of small blood vessels.

KEY
Arteries carrying oxygenated blood
Veins carrying deoxygenated blood

SML GOVT DEGREE COLLEGE YEMMIGANUR

DEPT. OF ZOOLOGY

Certificate Course "FIRST AID"

ATTENDANCE REGISTER

SN	NAME OF THE STUDENT	GROUP & Class	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	A LAZAR	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	B AMARESH	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	B GOVINDU	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	B UMA MAHESWARI	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	B VEERA LAKSHMI	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	B VIJAY	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	G MALLIKARJUNA	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	K THARUN	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	K.MD,SUFYAN	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	K.RAJA SHEKAR	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	M RAGHAVENDHRA	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	N GANESH NAIDU	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	P SHIVAJI	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	P AJARUDDIN	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	P BADESAB	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	P THRIVENI	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	S VEERESH	IIIBZC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Syedela Farid Beebi
Principal

Dept. of Zoology
Sri Mahayogi Lakshmanamma
Govt. Degree College
Yemmiganur - 518 360,

S.C. Balakrishna Beebi
Principal

ML. Govt. Degree College
YEMMIGANUR, Kurnool (Dt.)

Department of Zoology

Second year

Certificate course exam-First AID

Time;3hours

Max marks :50

PART -A

Answer ALL questions

3*10=30

- 1.Can I be sued for doing first aid? ...
2. How can I be confident that I am doing the right thing? ...
- 3.Can I kill a person with CPR? ...

PART-B

Answer any FOUR questions

4*5=20

- 4.Will I break ribs when I do CPR? ...
- 5.What if I don't have a first aid kit at the scene of an accident? ...
- 6.What is the success rate of CPR?
- 7.How should you open the airway of an unconscious casualty? ...
- 8.How long would you check to see if an unconscious casualty is breathing normally

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DEPT OF ZOOLOGY

CERTIFICATE COURSE "FIRST AID"

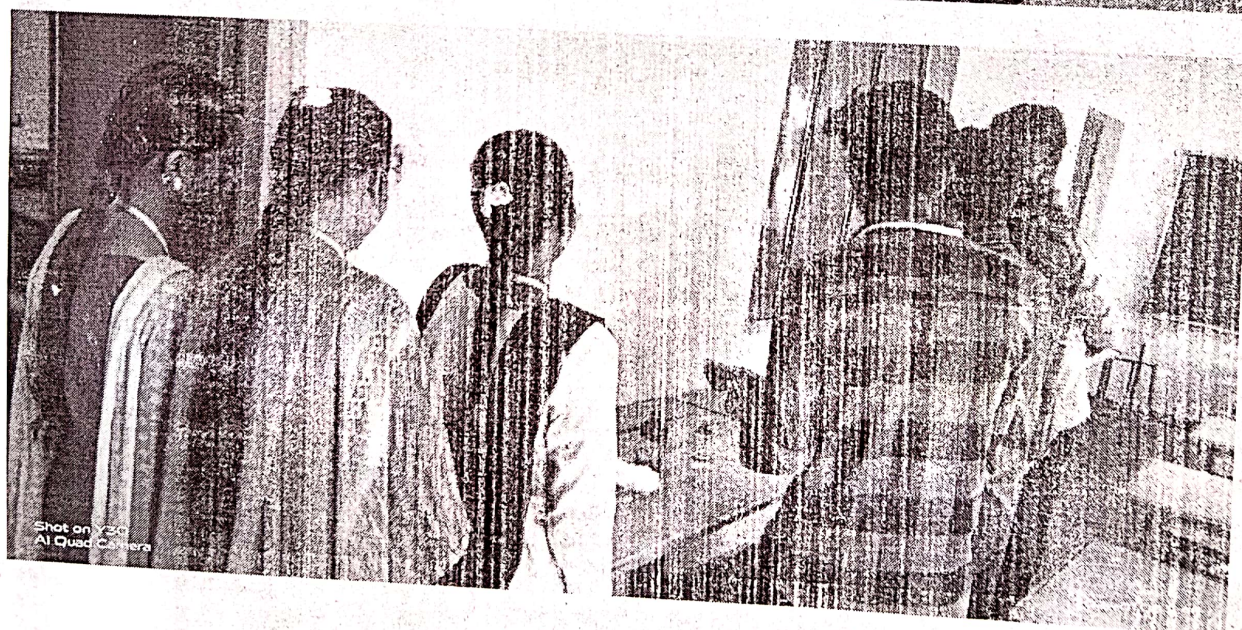
MARKS AWARD LIST:

S.NO	HT NO	NAME	THEORY MARKS 50	GRADE	PRACTICAL S MARKS 50	GRADE	TOTAL
1	18358049001	A. LAZAR	45	A	45	A ⁺	90
2	18358049002	B.AMRESH	45	A	50	0	95
3	18358049003	B.GOVINDU	43	A	50	0	93
4	18358049004	B.UMA MAHAHESWARI	47	A ⁺	47	A ⁺	94
5	18358049005	B. VARALAKSHMI	43	A	48	A ⁺	91
6	18358049006	C. VIJAY	45	A	50	0	95
7	18358049007	G. MALLIKARJUNA	45	A	50	0	95
8	18358049008	K.THARUN	47	A ⁺	48	A ⁺	93
9	18358049009	KMD SUFIYAN	45	A	50	0	95
10	18358049010	K.RAJASEKHAR	43	A	49	A ⁺	92
11	18358049011	M.RAGAVENDRA	47	A ⁺	50	0	97
12	18358049012	N.GANESH NAIDU	43	A	50	0	93
13	18358049013	P.SHIVAJI	47	A ⁺	48	A ⁺	95
14	18358049014	P.AZARUDDIN	45	A	49	A ⁺	94
15	18358049015	P.BADESAB	47	A ⁺	50	0	97
16	18358049016	P.THRIVENI	47	A ⁺	48	A ⁺	95
17	18358049017	S.VEERESH	45	A	50	0	95

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FIRST AID FOR INJURY IN HAND



FEEDBACK FROM THE STUDENTS

Name Of The Student: *A Lazar*

Course&Group	B.SC BZC - 1 st YEAR		
Regd.Number	18358049001		
Opinion	Excellent ✓	Good	Satisfactory

A Lazar
Signature Of the Student

Name Of The Student: *K. Tharun*

Course&Group	B.SC BZC - YEAR		
Regd.Number	18358049008		
Opinion	Excellent	Good ✓	Satisfactory

K. Tharun
Signature Of the Student

Name Of The Student: *P. Thiruvani*

Course&Group	B.SC BZC - YEAR		
Regd.Number	18358049016		
Opinion	Excellent ✓	Good	Satisfactory

P. Thiruvani
Signature of the Student

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FEEDBACK FROM THE STUDENTS

Name Of The Student: B. VASU LAKSHMI

Course&Group	B.SC BZC - III YEAR		
Regd.Number	18358049005		
Opinion	Excellent ✓	Good	Satsfactory

Signature Of the Student

Name Of The Student: K. RAJA SEK HAR.

Course&Group	B.SC BZC - III YEAR		
Regd.Number	18358049010.		
Opinion	Excellent	Good	Satsfactory ✓

Signature Of the Student

Name Of The Student: S. VEESHAH.

Course&Group	B.SC BZC - III YEAR		
Regd.Number	18358049017		
Opinion	Excellent ✓	Good	Satsfactory

Signature of the Student

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SML GOVERNMENT DEGREE COLLEGE

(Affiliated to Rayalaseema University, Kurnool)

Yemmiganur, Kurnool Dist



ESTD. 1982

Accredited by NAAC: B Grade

CERTIFICATE COURSE IN FIRST AID

This is to certify that Mr/Ms A. Rajan of III BZC
Regd. No. 18358049001 has Successfully completed the Certificate Course in
FIRST AID Organized by the Department Of Zoology during the Academic year 2020-2021
from 15/04/2021 TO 9/06/2021

Syed Fakrunnisa Begum

Syeda Farah Begum
I/C Dept. of Zoology

Dept. of Zoology
Sri Mahayogi Lakshamma
Govt. Degree College
Yemmiganur - 518 360,

Dr K. Mahaboob Basha

K. Mahaboob Basha

Principal

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