



STSN GOVERNMENT DEGREE COLLEGE

KADIRI-515591, SRI SATHYA SAI DISTRICT. (A.P)

NAAC Accredited with 'B' Grade

PRAPOSAL FOR

CERTIFICATE COURSE IN PARASITOLOGY

DEPARTMENT OF PARAMEDICAL TECHNOLOGY

2021-2022

CERTIFICATE COURSE IN PARASITOLOGY

Department of Paramedical Technology

STSN Govt Degree College Kadiri 515591 Sri Satya Sai (Dist.)

2021-2022

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RESOLUTION

It is resolved that the Department of Paramedical Technology unanimously decided, to conduct a 30 days certificate course in "Parasitology" for the first and second year B.sc ZCPMT students of this college. The course schedule will be from 16-03-2022 to 22-04-2022. After successful completion of course an online quiz should be conducted in clinical microbiology for both theory and practical and distribution of certificates to the students. The course syllabus is attached to this copy.

Faculty of

Paramedical Technology

C. Nandu

LECTURER IN *Paramedical Technology*
STSN Govt. DEGREE COLLEGE
KADIRI - 515 591
Sri Sathya Sai (Dist).

Permission letter to conduct Certificate Course – 2021-22

From
C. Naresh
Department of Paramedical
Technology
S.T.S.N GDC,
Kadiri,

To
The Principal,
S.T.S.N GDC,
Kadiri,

Respected Principal,

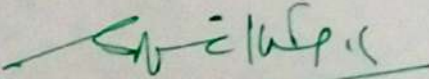
Subject: Permission to conduct **Certificate Course** on **PARASITOLOGY** in the academic year- 2021-22

The Department of Paramedical Technology at S.T.S.N. Government Degree College, Kadiri, kindly requests your permission to conduct a Certificate Course in Parasitology in the academic year 2021-22.

The proposed schedule for the Certificate Course is 16.3.2022 to 22.4.2022, and we plan to hold the sessions within the college premises. We seek your approval to utilize the college facilities for this purpose, and we assure you that we will adhere to all college regulations and guidelines.

Thank you for considering our request.

Permitted


PRINCIPAL
STSN GOVT DEGREE COLLEGE
KADIRI - 515 591
SRI SATHYA SAI(Dist)

Yours faithfully,

C. Naresh
LECTURER IN Paramedical
STSN GOVT DEGREE COLLEGE
KADIRI - 515 591
Sri Sathya Sai (Dist).

CERTIFICATE COURSE IN PARASITOLOGY
DEPARTMENT OF PARAMEDICAL TECHNOLOGY
STSN GOVT DEGREE COLLEGE KADIRI
SRI SATHYA SAI DISTRICT, AP.

Notification for Admission

10/3/2022

Applications are invited from the eligible candidates for admission into the Certificate Course in Parasitology for the year 2021-2022

Eligibility: Intermediate/Graduate in any discipline.

Duration of Course: 30 Hours

Admission Process: The prescribed application form for the Admission is available in the Department. The filled in applications shall be submitted to the Course Coordinator, Certificate course in Parasitology, Department of Paramedical technology, STSN Govt. Degree College, Kadiri Sri Sathya Sai (Dist). Defective applications and applications received after the prescribed date will summarily be rejected and fee once paid will not be refunded or adjusted for any other purpose.

The admission schedule:

Last date of receipt of application: 15-11-2022

Class Details: Classes of the course shall be conducted on working days between 16-3-2022 and 22-4-2022, daily one hour from 4.00 pm to 5.00 pm.

C. Narshi
LECTURER IN *Paramedical Technology*
STSN Govt. DEGREE COLLEGE
KADIRI
Sri Sathya Sai (Dist).

STSN GOVT DEGREE COLLEGE KADIRI

SRI SATHYA SAI DISTRICT, AP.

DEPARTMENT OF PARAMEDICAL TECHNOLOGY

CERTIFICATE COURSE IN PARASITOLOGY

COURSE PROPOSAL 2021-2022

Department of Paramedical technology prestigiously introduced one month of certificate course in Parasitology. This course may be useful for students will get exposure of handling and processing of clinical pathology, immunology, microbiology and biochemistry and transfusion medicine samples with knowledge. This course may be useful to the students in their daily life and health aspects.

Course objectives:

- Students will get knowledge of clinical pathology practices required for diagnosis of various ailments.
- Students will be capable of pursue clinical and laboratory based practical's.
- Students can include the importance of health and hygienic in their daily life.
- To give in-depth knowledge about blood parasites and causing diseases and remedies.
- Students can select suitable diagnostic tools / tests for particular disease.

Course outcomes:

After completion of the course student will be able to do:

- Apply knowledge and skills of parasitology.
- Identify pathological process and correlating these with the clinical symptoms and signs.
- Demonstrate skills for effective communication of the diagnosis to the medical professionals as well as to patients.
- Verifying the accuracy of laboratory results.
- Apply this knowledge to their future studies.

STSN GOVT DEGREE COLLEGE KADIRI
DEPARTMENT OF PARAMEDICAL TECHNOLOGY
CERTIFICATE COURSE IN PARASITOLOGY

Duration: 1 Month

Unit: 1

Medical Parasitology: Introduction of parasites, Transmission infections and causing diseases, identification of parasites, prevention of parasitic diseases, clinical importance of parasites.

Unit: 2

Protozoan parasites: laboratory tolls for parasites – collection preservation, identification of parasites, intestinal protozoan parasites, (Entamoeba histolitica, Geordiae), malarial parasites (plasmodium species)

Unit: 3

Helminth parasites: laboratory techniques for blood parasites, sample collection, preparation and staining, observation and blood films.
Cestodes (teniasaginata, teniasolium, wuchereria bancrofti)

Unit: 4

Lab diagnosis of parasitic infections: serological diagnosis of parasites, urine, sputum, urogenital swabs, parasitic infections, and helminthic infections.

C. Nandu

LECTURER IN Paramedical
STSN Govt. DEGREE COLLEGE
KADIRI - 515 091
Sri Sathya Sai (Dist),

Certificate course – Time table

S.No	Date	Topic covered
1.	16-03-2022	Introduction of parasites
2.	18-03-2022	Parasites transmission, infections
3.	19-03-2022	Parasites transmission, infections and causing diseases
4.	21-03-2022	Identification of parasites
5.	22-03-2022	Prevention of parasitic diseases
6.	23-03-2022	Clinical importance of parasites
7.	24-03-2022	Quiz assignment on Unit-1
8.	25-03-2022	Introduction in protozoan parasites
9.	26-03-2022	Laboratory tools for parasites -collection preservation
10.	28-03-2022	Identification of parasites
11.	29-03-2022	Intestinal protozoan parasites
12.	30-03-2022	Malarial parasites (plasmodium species)
13.	31-03-2022	Quiz assignment on Unit-2
14.	01-04-2022	Introduction in helminthes parasites
15.	04-04-2022	Laboratory techniques for blood parasites
16.	05-04-2022	Sample collection Preparation and staining
17.	06-04-2022	Observation of blood films Tenia saginata
18.	07-04-2022	Tenia solium
19.	08-04-2022	Wuchereria bancrofti
20.	09-04-2022	Quiz assignment on Unit-3
21.	11-04-2022	Serological diagnosis of parasites
22.	12-04-2022	Urine test
23.	13-04-2022	Sputum test
24.	14-04-2022	Identification Urogenital swabs
25.	16-04-2022	Urogenital swabs analysis
26.	18-04-2022	Quiz assignment on Unit-4
27.	19-04-2022	Virtual videos on parasites movements

28.	20-04-2022	Observation of Various cytological slides in parasitology
29	21-04-2022	Virtual videos on parasites movements
30.	22-04-2022	Final assessment and issue of certificates

C. Naidu
LECTURER IN Parasitology
STSN Govt. DEGREE COLLEGE
KADIRI-515 509
Sri Sathya Sai (Dist).

CERTIFICATE COURSE IN PARASITOLOGY
DEPARTMENT OF PARAMEDICAL TECHNOLOGY
STSN GOVT DEGREE COLLEGE KADIRI
SRI SATHYA SAI DISTRICT, AP.

List of Students

Admission Number	Name of the Student	Address	Signature of the Student
1.	B. PRAVEEN KUMAR	STSN GDC Kadiri	B. Praveen Kumar
2.	J. SAI KIRAN	STSN GDC Kadiri	J. Sai Kiran
3.	K. AMRUTHA	STSN GDC Kadiri	K. Amrutha
4.	K. AKHILA	STSN GDC Kadiri	K. Akhila
5.	P. DANUNJAYA	STSN GDC Kadiri	P. Danunjaya
6.	S. SRI HARI	STSN GDC Kadiri	S. Srihari
7.	V. ANITHAMMA	STSN GDC Kadiri	V. Anithamma
8.	V. RAMAMURTHY NAIK	STSN GDC Kadiri	V. Ramamurthy Naik
9.	B. SHIVA PRASAD	STSN GDC Kadiri	B. Shiva Prasad
10.	D. KRISHNAVENI	STSN GDC Kadiri	D. Krishna Veni
11.	G. RAJESWARI	STSN GDC Kadiri	G. Rajeswari
12.	I. PAVAN KUMAR NAIK	STSN GDC Kadiri	I. Pavan Kumar Naik
13.	K. MOUNIKA	STSN GDC Kadiri	K. Mounika
14.	K. VISWANATH	STSN GDC Kadiri	K. Viswanath
15.	G. SOMASEKHAR	STSN GDC Kadiri	G. Somasekhar
16.	G. GANESH	STSN GDC Kadiri	G. Ganesh
17.	G. PALLAVI	STSN GDC Kadiri	G. Pallavi
18.	C. CHARANTEJA	STSN GDC Kadiri	C. Charanteja
19.	A. ROOPA	STSN GDC Kadiri	A. Roopa
20.	B. SUJATHA	STSN GDC Kadiri	B. Sujatha
21.	A. VIJAY KUMAR	STSN GDC Kadiri	A. Vijay Kumar

CERTIFICATE COURSE IN PARASITOLOGY
DEPARTMENT OF PARAMEDICAL TECHNOLOGY
STSN GOVT DEGREE COLLEGE KADIRI
SRI SATHYA SAI DISTRICT, AP.

STUDENT ATTENDANCE

S.no	Name of the Student	1/3	7/3	15/3	19/3	21/3	22/3	25/3	24/3	25/3	26/3	28/3	29/3	30/3	31/3	1/4	4/4	5/4	6/4	7/4	8/4	9/4	11/4	12/4	13/4	14/4
1.	B. PRAVEEN KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/
2.	J. SAI KIRAN	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/
3.	K. AMRUTHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
4.	K. AKHILA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
5.	P. DANUNJAYA	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	S. SRI HARI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	V. ANITHAMMA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	V. RAMAMURTHY NAIK	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	B. SHIVA PRASAD	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	D. KRISHNAVENI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	G. RAJESWARI	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/
12.	I. PAVAN KUMAR NAIK	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	a	a	/	/	/	/	/
13.	K. MOUNIKA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	K. VISWANATH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	G. SOMASEKHAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	G. GANESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	G. PALLAVI	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	C. CHARANTEJA	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	A. ROOPA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	B. SUJATHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	A. VIJAY KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

C. Nanda
 Lec in Paramedical
 Technology

CERTIFICATE COURSE IN PARASITOLOGY
DEPARTMENT OF PARAMEDICAL TECHNOLOGY
STSN GOVT DEGREE COLLEGE KADIRI
SRI SATYA SAI DISTRICT, AP.
MODEL QUESTION PAPER

I. Write a note on any 2 of the following questions

2x2=10M

1. Define Parasitology?
2. Types of Blood parasites?
3. Importance of Parasites?

II. Write a note on any 3 of the following questions

3x5=15M

4. Transmission infections and causing diseases?
5. Collection and identification of parasites?
6. Malarial parasites?
7. Laboratory techniques for blood parasites?

III. Write all of the following questions?

2x10=20M

8. Write a brief note on serological diagnosis parasites?
9. Write a brief note on sample collection preparation, and staining of blood films.

IV. VIVA VOICE

5Marks

FEEDBACK FROM PARTICIPANTS

Name of the activity:

Certificate Course in Parasitology

Date:

22/4/22

Name of the participant:

K. Amrutha

Class:

II year CZPMT

Phone No.

76758 466 82

1. How would you rate the quality of the presentations and demonstrations during the event?

- Excellent
- Very Good
- Good
- Satisfactory

2. What was your level of satisfaction about the activity?

- Excellent
- Very Good
- Good
- Satisfactory

3. Please rate your overall knowledge level about the topics covered before attending the session.

- Excellent
- Good
- Fair
- Poor

4. Please rate your overall knowledge level about the topics covered after attending the session.

- Excellent
- Good
- Fair
- Poor

5. Please write your suggestions / observations for improvement of the programme

The certificate course on parasitology is very useful to
in our future studies and awareness about course

K. Amrutha
II CZPMT

FEEDBACK FROM PARTICIPANTS

Name of the activity: Certificate course in Parasitology

Date: 22/4/2022

Name of the participant: B. Shiva prasad

Class: B CPMT

Phone No. 9347774932

1. How would you rate the quality of the presentations and demonstrations during the event?

- Excellent
- Very Good
- Good
- Satisfactory

2. What was your level of satisfaction about the activity?

- Excellent
- Very Good
- Good
- Satisfactory

3. Please rate your overall knowledge level about the topics covered before attending the session.

- Excellent
- Good
- Fair
- Poor

4. Please rate your overall knowledge level about the topics covered after attending the session.

- Excellent
- Good
- Fair
- Poor

5. Please write your suggestions / observations for improvement of the programme

The certificate course about parasitology is very useful in laboratories



S.T.S.N GOVERNMENT DEGREE COLLEGE KADIRI, SRI SATHYA SAI DIST. AP



NAAC Accredited with 'B' Grade

DEPARTMENT OF PARAMEDICAL TECHNOLOGY

Certificate of Participation

This is to certify that Sri/Mr./Miss K. Amrutha of I/II/III B.Sc. (CZPMT) has successfully completed Certificate Course with 30 hours in PARASITOLOGY Conducted by the Department/ Wing of PARAMEDICAL TECHNOLOGY STSN Govt Degree College Kadiri, During the Academic Year 2021-2022.

C. Narasimha
Course
LECTURER IN Paramedical Technology
coordinator
STSN GOVT. DEGREE COLLEGE
KADIRI - 515 591
Sri Sathya Sai (Dist).

Bhargava
Head of the Department
Head
Department of Zoology
STSN. Govt. U.G & P.G. College
KADIRI - 515 591.
Sri Sathya Sai Dist. (A.P.)

Sri Sathya Sai
Principal
PRINCIPAL
STSN GOVT DEGREE COLLEGE
KADIRI - 515 591
SRI SATHYA SAI(Dist)

LAB ACTIVITIES ON PARASITOLOGY



Identification of parasites in Electron microscope



Centrifuge process in blood samples



Sample collection, preparation and staining

C. Nandi

LECTURER IN *Parasitology*
STSN Govt. DEGREE COLLEGE
KADIRI - 515 591
Sri Sathya Sai (Dist).