DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY
(2 YEARS REGULAR COURSE)

ADMISSION CELL
Dr. Surya Narayan Das 9437158382
Mr. Kailash Chandra Maharana 9861249377
Mr. Srimanta Satpathy 9658215218

Campus
GAYATRI INSTITUTE OF PARAMEDICAL SCIENCES
Gayatri Vihar, Jamadarpali, Sason, Sambalpur

GAYATRI INSTITUTE OF PARAMEDICAL SCIENCES
(SMART)
SAMBALPUR
(A SISTER CONCERN UNIT OF GAYATRI COLLEGE OF PHARMACY)
(RECOGNISED BY HEALTH & FAMILY WELFARE DEPARTMENT, GOVT. OF ODISHA)

Only DMLT Institute Recognised by Odisha Government in western Odisha...

GAYATRI VIHAR, JAMADARPALI, SASON, SAMBALPUR
Mail Id: dmitgcpsbp@gmail.com
Ph No: 9437158382, 9861249377, 9658215218
GAYATRI INSTITUTE OF PARAMEDICAL SCIENCES, SAMBALPUR

PATRON OF MANAGING COMMITTEE

Sri Shib Narayan Satpathy  
Founder Secretary

Dr. Prof. Ashok Kumar Satpathy  
Founder Director

Sri Durga Shankar Pattnaik  
Chairman

STATUS
Recognised by the Health & Family Welfare Department, Govt. Of Odisha

ABOUT THE COLLEGE
Gayatri Institute of Paramedical Sciences (GIPS), Sambalpur, Odisha is a visionary thought of our beloved Director Dr Ashok Kumar Satpathy and set up in the year 2014 like other institutes of Gayatri Group of Institutions (GGI). The aim of the Institution is to improve the “Education” in the field of Medical Sciences and impart training to medical personnel in the state which involves mentoring of paramedical personnel and other related health programmes. The basic objectives behind its establishment is close monitoring of the paramedical students in different Health sectors for providing service to the mankind.

COURSE OFFERED:
Diploma in Medical Laboratory Technology

DURATION: 2 yrs

GENERAL INFORMATION FOR ADMISSION INTO DMLT COURSE
Candidates seeking admission into DMLT course may contact the Institution for better guidance and counselling.

ELIGIBILITY CRITERIA:
a. Must have passed +2 Science or Equivalent examinations with Biology as one of the subjects.
b. Must have completed 17 years of age.
c. Must be a permanent resident of Odisha.
OR
d. Must be son or daughter or spouses of:
i. Defense personnel posted in Odisha.
iii. Member of All India Service (Odisha Cadre) serving within/ outside Odisha.
iv. Employee of Government of India working in Odisha.
e. The candidate should not continue any other regular course simultaneously with the DMLT course if admitted. An undertaking should be submitted during admission.

ABOUT US

FACULTY: Teachers are the major asset of any institution. We have appointed highly qualified and dedicated faculties of outstanding merit, experience, and excellent teaching skills as well as abilities from balance mix of academicians, researchers and professionals.

LABORATORY:
The institution has adequate numbers of sophisticated & well equipped laboratories full filling the smooth running of each & every practicals.

HOSTEL: The college has five well furnished separate Boy’s & Girl’s Hostel within the Sambalpur city.

TRANSPORT: The Institute provides its own Buses facility. Five Buses run regularly to serve the students.

CANTEEN: The institution has a sophisticated modern canteen within the college premises to cater the basic needs of the staff and students.

PLACEMENT CELL: The Training and Placement cell of GGI gives prime importance on training & Placement of students at corporate & Community sectors.

DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

COURSE CURRICULUM

GENERAL INFORMATION

1. The Duration of Diploma Course of Medical Laboratory Technology (DMLT) is two years.

2. The minimum educational qualification for selection of trainees for the Diploma Course of Medical Laboratory Technology is +2 Science with Biology as one of the subject.

3. Total marks of the DMLT Course is 1000.

4. Minimum pass mark of the trainees if 50% in Theory, 50% in Oral & 50% in Practical.

5. 1st Class mark is 60% in Theory, Practical & Oral in aggregate respectively.

6. Less than 40% either in Theory or in Practical or in Oral in any paper will be treated as unsuccessful.
### BASIC COURSE ON MEDICAL LABORATORY TECHNOLOGY

#### PART-1

<table>
<thead>
<tr>
<th></th>
<th>Total Mark-200</th>
<th>Duration - 4 Months</th>
<th>Hrs (110hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Anatomy (Theory+ Practical)</td>
<td>100</td>
<td>20hrs+10hrs</td>
<td></td>
</tr>
<tr>
<td>2. Physiology (Theory+ Practical)</td>
<td>100</td>
<td>20hrs+10hrs</td>
<td></td>
</tr>
<tr>
<td>3. Comm. Medicine, Computer Science + Statistics (Th.+ Prac.)</td>
<td>100</td>
<td>20hrs+10hrs</td>
<td></td>
</tr>
<tr>
<td>4. Pharmacology (Theory)</td>
<td>100</td>
<td>20hrs</td>
<td></td>
</tr>
</tbody>
</table>

#### EXAM - First

<table>
<thead>
<tr>
<th></th>
<th>Total Marks – 200</th>
<th>Theory - 140 + Practical 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory Paper I</td>
<td>Anatomy</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>Physiology</td>
<td>35</td>
</tr>
<tr>
<td>Theory Paper II</td>
<td>Comm. Medicine, Computer Science + Statistics</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>Pharmacology</td>
<td>35</td>
</tr>
<tr>
<td>Practical</td>
<td>Anatomy</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>Physiology</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>Comm. Medicine</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td>150</td>
</tr>
</tbody>
</table>

#### PART-2

<table>
<thead>
<tr>
<th></th>
<th>Total Mark - 400</th>
<th>Duration of Course- 10 Months</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PAPER-I PATHOLOGY</strong></td>
<td>(Immunohematology, Blood Banking &amp; Hematology)</td>
<td>Theory 100</td>
</tr>
<tr>
<td></td>
<td>Practical</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Oral</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td>150</td>
</tr>
<tr>
<td><strong>PAPER-II MICROBIOLOGY</strong></td>
<td>(Gen Bacteriology, Syst. Bacteriology, Clinical Microbiology &amp; Mycology)</td>
<td>Theory 100</td>
</tr>
<tr>
<td></td>
<td>Practical</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Oral</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td>150</td>
</tr>
<tr>
<td><strong>PAPER-III BIOCHEMISTRY</strong></td>
<td></td>
<td>Theory 60</td>
</tr>
<tr>
<td></td>
<td>Practical</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Oral</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td>100</td>
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</tbody>
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#### PART-3

<table>
<thead>
<tr>
<th></th>
<th>Total Mark - 400</th>
<th>Duration of Course- 10 Months</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PAPER-I PATHOLOGY</strong></td>
<td>(Histotechnology, Cytology &amp; Museum Study)</td>
<td>Theory 100</td>
</tr>
<tr>
<td></td>
<td>Practical</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Oral</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
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#### PART-3

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<tr>
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<th>Total Mark - 400</th>
<th>Duration of Course- 10 Months</th>
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<tbody>
<tr>
<td><strong>PAPER-II MICROBIOLOGY</strong></td>
<td>(Immunology, Serology, Parasitology, Virology &amp; Animal Care)</td>
<td>Theory 100</td>
</tr>
<tr>
<td></td>
<td>Practical</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Oral</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
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#### PART-3

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<th>Total Mark - 400</th>
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<td></td>
<td>Theory 60</td>
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<td></td>
<td>Oral</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td>100</td>
</tr>
</tbody>
</table>

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**NB:** Second semester examination will be conducted ten months after first semester examination. Total Marks: 400. The Final Examination will be conducted ten months after second semester. Total marks for which will be 400.

### ASSIGNMENT BASED PRACTICAL EXPOSURE PROGRAMME

For development of technical skill & knowledge of DMLT students, GIPS have designed a curriculum for internship training (Assignment based practical exposure) programme in collaboration with some reputed hospital located in Sambalpur city which is a value addition to the students studying in GIPS, than other else. The Collaborated Health Organisations are:

- VIVEKANANDA HOSPITAL
- BSR DIAGNOSTIC
- SANJIVANI HOSPITAL
- ASTHA NURSING HOME
- LIFE LINE DIAGNOSTIC
- AMRITA NURSING HOME
  
#### COLLABORATION INSTITUTION DETAILS

<table>
<thead>
<tr>
<th>SI No</th>
<th>Name &amp; Address of Collaborated Organisations</th>
<th>Name of HOD of Collaborated Organisation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Life Line Diagnostic centre, Hospital Road, SBP</td>
<td>Dr.Panda</td>
</tr>
<tr>
<td>2</td>
<td>DAPS Dignostics, Panitanki Chowk, Hospital Road, SBP</td>
<td>Dr. P.R.Padhee</td>
</tr>
<tr>
<td>3</td>
<td>BSR Diagnostic,Ground floor, Balaji Mid town Complex, Budharaja, SBP</td>
<td>Mr. Nepal Goswami</td>
</tr>
<tr>
<td>4</td>
<td>Apex Diagnostic, Jnanannath Colony, Budharaja, SBP</td>
<td>Mr. Sanjeeb Ku. Dash</td>
</tr>
<tr>
<td>5</td>
<td>Sanjivani Hospital, Cheraapada, Farm road, SBP</td>
<td>Dr. Amulya KU. Meher</td>
</tr>
<tr>
<td>6</td>
<td>Vivekananda Hospital, Kadambari Complex Building, Golebazar, SBP</td>
<td>Miss. Ananya Nayak</td>
</tr>
<tr>
<td>7</td>
<td>Amrita nursing Home, Mahisail, Jharsuguda Road, Sambalpur</td>
<td>Dr.B.B. Nayak</td>
</tr>
<tr>
<td>8</td>
<td>Astha Diagnostic, Budharaja, Sambalpur</td>
<td>Dr. B.B. Meher</td>
</tr>
</tbody>
</table>
The Collaboration of Internship Training is based on the following terms and conditions:

- The Collaborated Organisation will act as mentor to the intern.
- The designed Practical curriculum will be followed by the intern during their training.
- The duration of training program will be for 10 months.
- Every intern will maintain a daily notebook of each & every work done & the same will be evaluated by the concern mentor/institution.
- The same notebook will be submitted to the college for further evaluation & presentation.
- The group presentation will be conducted in college one day in a week where the individual intern or his/her group will present the entire work executed during the week.

APPLICATION FORM

To be filled by the candidate's own handwriting

1. Name of Candidate: ______________________________________
   (IN CAPITAL LETTERS)
2. Father’s Name: ______________________________________
3. Course applied for: ______________________________________
4. Date of Birth: ______________________________________
   (As recorded in H.S.C. Certificate)
5. Nationality: ______________________________________
6. Religion: ______________________________________
7. Sex: ______________________________________
8. Marital Status: ______________________________________
9. Permanent Address: At: ________________________________
   ________________________________ Pin: ________________________________
   Mob No: ________________________________
10. Present Address: At: ________________________________
     ________________________________ Pin: ________________________________
     Mob No: ________________________________
11. Name of Qualifying Examination: ________________________________
    Board: ________________________________
    Year of Passing: ________________________________
12. Educational qualification:

<table>
<thead>
<tr>
<th>Name of Exam</th>
<th>Name of College</th>
<th>Total Marks</th>
<th>Obtained Marks</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
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13. DOCUMENTS TO BE FURNISHED BY THE CANDIDATE DURING DOCUMENT VERIFICATION:

Original and self attested copy of:

a) Online Registration Slip.

b) H.S.C. or equivalent examination certificate with the date of birth of the candidate recorded therein.

c) Pass certificate of the qualifying examination i.e. +2 Science or its equivalent, showing the subjects studied.

d) Mark list of the qualifying examination.

e) Conduct & character certificate from the Principal of the College last studied.

f) Caste certificate from appropriate authority.

g) Attested true copy of the Physically Challenged Certificate issued by the Panchayat Raj Department. Government of Odisha / District Social Welfare Officer in case of candidate claiming seat reserved for physically challenged.

h) Attested true copy of certificate of Nativity / Permanent Resident of Odisha issued by the Revenue Officer not below the rank of Tahasildar of the area concerned.

i) Attested true copy of certificate in support of passing the M.E. standard Odia Examination conducted by appropriate authority or having odia as one of the subject in HSC Examination.

14. I certify that all informations furnished by me in this application are true. I understand that if I am found to have furnished any false informations my application shall be rejected and/or admission cancelled and such other action is deemed legally justified may be taken against me.

I certify that I am not suffering from mental disease and not subjected to drug addiction.

I certify that I have not been prosecuted or convicted for any criminal offence.

I also declare that if I get admitted I shall abide by all rules and regulation of the Institution imposed from time to time.

Signature of Applicant
Place:
Date:

Signature of Guardian

UNDERTAKING

I ______________________________________________________________________

S/O__________________________________________ At_______________________
Po _______________________________________ Via___________________________
Dist_____________________ State________________________ Pin________________

I hereby undertake that I have taken admission into DMLT course conducted at Gayatri Institute of Paramedical Sciences, Sambalpur.

The total course fee payable in Rs________________________ only which will be paid per annum installment wise. Presently I am paying Rs________________________ towards course fee of DMLT first year. The subsequent installments will be paid as per the following term periods.

I further undertake that if the installment due is not paid in proper time as specified, the management may impose late fine as decided from time to time.

I undertake &declare that if the course is discontinued by me for any reason, then as per the decision of the Hon'ble Supreme Court of India in their judgement, I will pay the total amount of course fee as mentioned above.

<table>
<thead>
<tr>
<th>Date</th>
<th>Amount</th>
<th>D.D. No &amp; Date</th>
<th>Receipt No &amp; Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Documents submitted at the time of admission

1.____________________________________
2.____________________________________
3.____________________________________
4.____________________________________
5.____________________________________
6.____________________________________
7.____________________________________

Signature of the Student
Signature of the Guardian

Avail Hostel Facility: YES  /  NO
RULES & REGULATIONS

1. Candidate admitted into DMLT Courses must be abided by the Rules & Regulations imposed from time to time.

2. Ragging is strictly prohibited. Any student found to be involved in ragging or any other unfair means, he/she will be liable to legal prosecution and such students will strictly be rusticated from the college without further notice.

3. Fees once paid at the time of admission cannot be refunded back under any circumstances. Students desiring to discontinue the course will have to pay the total course fee mentioned by him/her in the undertaking form executed at the time of admission.

4. The total course fee payable is on the basis of installment and must be paid in proper time as mentioned in the undertaking, failing which late fee as fixed from time to time will be charged.

5. As per the decision of the Hon’ble Supreme Court of India in their judgement “Unnikrishnan Vs. State of AP”, if the course is discontinued by student for any reason, then he/she will have to pay the total amount of course fee as mentioned in undertaking during the time of admission.

6. Discipline inside the college campus should strictly be observed. The students must keep all the articles of the college Laboratories, Class Room, College Buses in proper condition.

7. Students staying in recognized hostel must obey the instruction of the concern Hostel Superintendent/Proctor/Group Teacher and must maintain a homely atmosphere.

8. No inter college transfer shall be allowed as per Govt. Rules.

9. Students must wear the college uniform in college hours.