

DIRECTORATE OF MEDICAL EDUCATION & TRAINING ,ODISHA.

**ADVERTISEMENT FOR OPENING OF NEW DMLT/DMRT
INSTITUTIONS IN THE STATE OF ODISHA- 2013-14**

No. 17080 / Dtd. 03.12.2013

In pursuance to Govt. of Odisha Health & FW Department Resolution No. ME-II-M-07/2013/ 31390/H Dt. 15.11.2013, applications are invited from interested Persons/ Trusts/ Societies /Private Hospitals to open institutions for DMLT / DMRT courses in the state of Odisha. Such institutions shall be approved by Govt. of Odisha in Health & FW Department and no approval of AICTE is required. The application form, detail guidelines and all other requisites are available in the website of DMET (O), i.e. www.dmetodisha.gov.in in advertisement section.

The application form complete in all respects along with all requisite documents and fees must reach the o/o the **Director Medical Education and Training, Odisha, Bhubaneswar, 751001, on or before 31.12.2013 by 5.00 PM.** The envelope containing the application form must be super-scribed “APPLICATION FOR OPENING NEW DMLT/DMRT INSTITUTIONS”. The application form must accompany one Original Bank Draft of Rs. 40,000/- towards inspection fees issued by State Bank of India and drawn in favour of “**DMLT/DMRT Council, DMET, Odisha**” payable at SBI, HOD Building Branch, Bhubaneswar.

**Sd/-
DMET, Odisha**

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GOVERNMENT OF ODISHA
HEALTH AND FAMILY WELFARE DEPARTMENT

RESOLUTION

No. ME-II-M-07/2013 31390 /H, Dtd. 15.11.2013

Sub: Guidelines for opening up of Diploma in Medical Laboratory Technology (DMLT) and Diploma in Medical Radiation Technology (DMRT) courses in Odisha.

State of Odisha is facing acute shortage of Laboratory Technicians and Radiographers. Government have created 954 Laboratory Technician posts and 258 Radiographers posts to strengthen the Paramedical services. However, every year only 110 and 50 nos. of candidates in the discipline of Laboratory Technician and Radiographer respectively are passing out from existing AICTE approved institutions for which a number of posts are remaining vacant.

The stringent condition laid down by AICTE has prevented proliferation of such institutions. Government of Odisha decided to frame a guideline similar to Tamilnadu model wherein approval of AICTE will not be needed and Govt. of Odisha will accord approval for opening of DMLT / DMRT institutions. Government after careful consideration have been pleased to issue a guideline annexed as Annexure 'A' for opening up of Diploma in Medical Laboratory Technology (DMLT) and Diploma in Medical Radiation Technology (DMRT) courses in Odisha.

In order to devise appropriate institutional mechanism to ensure effective regulation and quality education, Govt. of Odisha have further been pleased to constitute a **Council** consisting of the following members for selection of the private institutions to offer DMLT /DMRT courses and to ensure imparting of quality training and education through periodic inspection .

Sl No.	Officers with Designation	Nature	Position in the Council
1.	Director, Medical Education & Training , Govt. of Odisha, BBSR	Ex-officio	Chairperson
2.	HODs from the disciplines of Pathology, Microbiology, Radiology, Biochemistry of SCB MCH, Cuttack	Ex-officio	Member
3.	Executive Engineer, NRHM, Odisha, BBSR	Ex-officio	Member
4.	Secretary, Odisha DMLT and DMRT Board	Ex-officio	Member Convenor
5.	Dean & Principal of 3 Government Medical Colleges	Ex-officio	Member
6.	Representative of Health Deptt. not below the rank of Deputy Secretary	Nominated	Member

7.	Director, Health Services, Odisha, BBSR	Ex-officio	Member
8.	Representative from the E&T Deptt., Industry Deptt., Govt. of Odisha, BBSR	Nominated	Member
9.	One Representative from the private DMLT institute (to be nominated by Govt.)	Nominated	Member

A **Board** consisting of the following members will function under the Council to conduct examination, valuation of papers, publication of result and issuance of certificates.

Sl No.	Officers with Designation	Nature	Position in the Board
1.	Director, Medical Education & Training, Govt. of Odisha, BBSR	Ex-officio	Chairperson
2.	Two Professors from the disciplines of Pathology/ Microbiology/ Radiology/ Biochemistry (To be selected by the Council).	Rotation	Member
3.	One Associate Professor to be nominated by Council on rotation basis	Rotation	Member Secretary
4.	One independent member having M.Sc. LT / RT qualification to be engaged by Council.	Full time	Member

This will come into force w.e.f the date of issue of this resolution.

ORDER: That the Resolution be published in the next issue of the Odisha Gazette and copies be forwarded to the Law Deptt. / Secretary to Governor of Odisha / Secretary, Odisha Public Service Commission for information and necessary action.

By order of the Governor

[Signature]
15/11/2013

Principal Secretary to Government

Memo No. 31391 /H., Dtd: 15.11.2013

Copy forwarded to the Director of Printing, Stationary & Publication, Odisha, Cuttack with a request to publish the Resolution in the next issue of the Odisha Gazette and supply 100 copies of the Printed Resolution to this Department.

Memo No. 31392 /H., Dtd: 15.11.2013

Copy forwarded to the P.S. to Hon'ble Minister, Health & F.W. Deptt. / P.S. to Chief Secretary, Odisha / P.S. to Principal Secretary to Govt. Health & F.W. Deptt. for information.

Memo No. 31393 /H., Dated: 15.11.2013

Copy forwarded to Director Nursing (O) / DMET (O) / DHS (O) /DFW (O) / DIMH (O) / Director, SIHFW/ Team Leader, TMST / Team Leader, SHRMU / All CDMOs for information and necessary action.

Deputy Secretary to Government

GUIDELINES FOR OPENING UP OF DIPLOMA IN MEDICAL
LABORATORY TECHNOLOGY (DMLT) AND DIPLOMA IN
MEDICAL RADIATION TECHNOLOGY (DMRT) COURSES
IN ODISHA



Health & Family Welfare Department |
Government of Odisha

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1.0 Introduction to the Guidelines:

1.1 Key Features of the Guidelines:

- 1.1.1 These guidelines highlight the norms to be followed by the intending private parties to open up new institutions for providing Diploma in Medical Laboratory Technology (DMLT) and Diploma in Radiation Technology (DMRT)
- 1.1.2 It highlights the standards and requirements to be met by the applicant institutions for starting DMRT and DMLT courses in Odisha.
- 1.1.3 The existing institutions which are in operation before the notification/issuance of these guidelines will be given such time to arrange their facilities as per the minimum standards set through these guidelines.

1.2 Objective and Applicability of the Guidelines:

- 1.2.1 Present guidelines are meant for the Applicants/Trust/Society who intends to start courses/training on DMLT and DMRT to grant for approval for starting new DMLT and DMRT courses.
- 1.2.2 This is omnibus guideline which supersedes all previous guidelines on this subject.
- 1.2.3 These guidelines shall be applicable to the technical institutions of Government, Government Aided and Private (Self-Financing) institutions who are conducting courses in the field of Medical Laboratory Technology and Medical Radiation Technology.

1.3 Duration of Effectiveness of the Guidelines:

- 1.3.1 These guidelines would be effective from Nov 2013 or such other date as the Government may notify to this effect and would remain in force till further notification / order of the Government issued in this regard.
- 1.3.2 Government may issue revised circulars / notifications from time to time, if so required, after careful examination of the outcome of these guidelines.

1.4 Definitions

Unless the context otherwise requires

- 1.4.1 'Applicant' means the parties/Trust or any other registered society which applies to start/open a DMLT/DMRT Training School/Centre/Institution.
- 1.4.2 'Board' means the State DMLT and DMRT Board, Odisha duly constituted by the H&FW Department for the conduction of examination, selection and publication result thereof for the DMLT/DMRT students.

- 1.4.3 ‘Council’ means State DMLT and DMRT Council, Odisha duly constituted by the H&FW Department for the registration, regulation and examination thereof for the DMLT and DMRT training courses.
- 1.4.4 ‘DMET’ means Directorate of Medical Education & Training of H&FW Department, Govt of Odisha.
- 1.4.5 ‘E T E &T’ means Employment, Technical Education & Training department under the Industries Department of Govt of Odisha.
- 1.4.6 ‘Govt’ means Govt of Odisha.
- 1.4.7 ‘Institution’ means the Institution which is running or intends to run a training Institution for DMLT/DMRT courses.

2.0 State DMLT and DMRT Council

- 2.1 A “DMLT and DMRT Council” will be constituted under the H& FW Department, Govt of Odisha to provide overall guidance, to ensure quality standards in teaching, training, to regulate the DMRLT and DMRT courses both in the Government and private institutions.
- 2.2 **Composition-** The members of the DMLT and DMRT Council will be as follows

Officers with designation	Nature	Position in the Council
Director, Medical Education & Training, Govt of Odisha	Ex-officio	Chairperson
HODs from the disciplines of Pathology, Microbiology, Radiology, Biochemistry	Ex-officio	Member
Executive Engineer, NRHM	Rotation	Member
Secretary, Odisha DMLT and DMRT Board	Ex-officio	Member Convenor
Dean & Principals of 3 Government Medical Colleges	Ex-officio	Member
Representative of Health Department not below the rank of Deputy Secretary	Nominated	Member
Director, Health Services	Ex-Officio	Member
Representative from the ET&T Department, Industry department, Govt of Odisha	Nominated	Member
One Representative from the private DMLT Institute (to be nominated by Govt)	Nominated	Member

2.3 **Functions-** DMLT and DMRT Council shall perform following functions as mentioned below:-

- It will advise and formulate various policies, standards, guidelines for the institutions running DMRT and DMLT training programs operating within the boundary of Odisha.
- It will have the overall control and regulation over all the institutions running DMLT and DMRT courses.
- It will grant Letter of Recognition, regulate admissions, setting of standards for the private institutions with a view to improve, standardise the quality of the teaching and training.
- It will issue Registration Certificate to the candidates for the professional practices in their respective areas.
- It will ensure that guidelines and standards set are strictly followed by the training institutes through periodic monitoring, inspection and supervision.
- It will appraise government time to time about the functioning of the Council, operations of DMLT and DMRT courses and make recommendations for the corrective actions.
- It shall perform such other functions as assigned to it by the Government from time to time through Orders and notifications.

3.0 State DMLT and DMRT Board

3.1 A “DMLT and DMRT Board” is constituted under the H& FW Department, Govt of Odisha for the conduction of examinations and examination related issues for the DMLT and DMRT courses both in the Government and private institutions.

3.2 Composition- the members of the DMLT and DMRT Board shall be as follows

Officers with designation	Nature	Position in the Board
Director, Medical Education & Training, Govt of Odisha	Ex-officio	Chairperson
Two Professors from the disciplines of Pathology/Microbiology/ Radiology/Biochemistry (To be selected by the Dean & Principals of Medical Colleges)	Rotation	Member
One Associate Professor to be nominated by Council on rotation basis	Rotation	Member Secretary

One independent member having requisite experience(minimum of 3 years) in handling examination issues in the government set up	Full time	Consultant
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3.3 DMLT and DMRT Board shall perform functions mainly related to examinations. These functions are mentioned below:-

- It shall work under the direct supervision and control of the DMLT and DMRT Council.
- Announcement of notification of the date and venue of the examinations
- Conduct joint counselling for the admission to DMLT and DMRT courses
- It shall prepare question papers for various examinations of DMLT and DMRT courses
- Valuation and revaluation of answer papers
- Conduction of examinations (Annual, Supplementary and others)
- Publication of the results
- Issuing certificates
- Any other functions as may be assigned to it by the Council or the Government through their Orders

4.0 Application Procedure:

- 4.1 Director, Medical Education & Training (DMET), Odisha (DMET-O) will invite applications for the opening up of the DMLT and DMRT training institutes from the interested parties.
- 4.2 All applications relating to opening up of DMLT and DMRT courses in the State of Odisha shall be submitted to Director, Medical Education & Training (DMET), Odisha (DMET-O) in the prescribed format along with requisite documents, complete in all respects as per the **Annexure-I**, and as per the time schedule prescribed by the competent authority.

5.0 Inspections and Issuance of Letter of Recognition (LoR):

- 5.1 Upon receipt of the applications, DMET will send those applications to the DMLT and DMRT Council. The Applicant institute has to pay a sum of Rs 40,000 in favour of DMLT and DMRT Council towards inspection and recognition fees.
- 5.2 After making a preliminary scrutiny of the application, Council will issue Letter of Permission (LoP), which is of provisional nature to the applicant institute for opening the training institute.

- 5.3 Subsequently, Council will send a team to the applicant institute for the periodic inspection. A final inspection will be made to the Applicant institute before granting Letter of Recognition (LoR).
- 5.4 Council will finalise the modalities, members of the team and schedule of inspection.
- 5.5 The team shall verify the availability of physical infrastructure, manpower and other facilities provide by Applicant/Trust/Society as per the standards prescribed by the department through these guidelines' **Annexure-II**.
- 5.6 Consequent upon inspection, the inspection team will prepare "Inspection Report" and this will be submitted to Council as per **Annexure-III**.
- 5.7 On receipt of the "Inspection Report" Council will issue of the Letter of Recognition (LoR).
- 5.8 In case where approval is denied for non-fulfilment of norms, standards and conditions as may be stipulated by Council, the applicant institutions can apply for the fresh inspection after submission of the compliance report based on the observation of the Inspection Team along with the Inspection fees.

6.0 Examination and Counselling:

- 6.1 A "State Diploma in Medical Laboratory Technician [DMLT] and Diploma in Radiation Technology [DMRT] Board" is constituted.
- 6.2 The "State DMLT and DMRT Board" will be responsible for conduct of examination, admission of the students and publication of the result.
- 6.3 To ensure quality of examination and transparency external examiners and observers will be deployed from government run institutions.
- 6.4 All affiliated Institutions have to join counselling of the Board on scheduled date, time and venue. However, if they don't get students in joint counselling then they will be allowed for second counselling at their end.
- 6.5 Students of the Non-government institutions, selected in Joint counselling, have to deposit Rs 15,000 by Demand Draft in favour of Joint Selection Committee, "State DMLT and DMRT Board" at the time of admission into the counselling Hall. Board will remit this amount to the concerned institution in due course.
- 6.6 All supplementary examinations of the DMLT and DMRT courses will be held at one centre as decided by the "State DMLT and DMRT Board".

7.0 Attachment to Hospitals

- 7.1 A list of hospitals from government and private will be empanelled to provide affiliation facilities upon request from the concerned DMLT/DMRT institutions.

- 7.2 Affiliated Institution has to pay Rs 500 per month for three months as stipend to the students during internship (Clinical) and /or post examination practical training.
- 7.3 Institutions should have been attached with Hospital of which have been empanelled by the government. In case of DMLT [Tech] course, Diagnostic centre with large laboratory and in case of DMRT [Tech] course, well equipped Radio diagnosis centre preferably attached to Medical College should be attached.
- 7.4 If the Institution has not tied up with the government hospital than a private hospital of not less than 75 indoor beds with all specialities should be arranged. A consent letter from such hospital agreeing not to offer such tie up facilities to any other para medical institution except this applicant should be enclosed and submitted to “State DMLT and DMRT Council”.

8.0 Duration of the Course

- 8.1 The course of the Diploma in Medical Laboratory Technology [DMLT] and Diploma in Medical Radiation Technology [DMRT] shall be of 2 [two] years.
- 8.2 The course for DMLT shall include the respective subjects as given in the table below, the minimum number of hours to be devoted to each subject. In no case, lectures and practical shall be less than those noted against them. The detailed syllabus is annexed at **Annexure-IV**.

Sl No	Subjects to be taught	Lectures(hr)	Laboratory work (month)
1	Principles of		
	a) Analytical Biochemistry	15	1
	b) Physical Chemistry	15	5
	c) Common clinico Biochemical methods	30	2
2	Haematology	16	1
3	Blood Banking	8	3
4	Bacteriology, Virology & Mycology (32+6+4)	42	3
5	Serology, Immunology & Animal Care	13	1
6	Parasitology	10	2
7	Clinical Pathology	15	3
8	Histopathology & Cytopathology (14+6)+ HLA typing+Immunochemistry	28	1
9	Animal Care	2	1
Total		194	23

- 8.3 Internship for all the passed out students of Diploma courses is compulsory and that same should be completed just after passing the final examinations. However, as a safeguard for compliance of the above decision, Mark sheets for the final

examinations would be withheld till the passed out students would complete post examination training i.e. Internship.

9.0 Examination Rules

- 9.1 No person other than a student borne on the roll of an approved training institution and studying therein at the time shall be eligible for appearing at the examination held by the “State DMLT and DMRT Board”.
- 9.2 Every student after the admission into the course of study in an approved institution shall apply in the prescribed form (**Annex-V**) through the Principal/Director of the institution with a fee of Rs 500/- to have his/her name registered in the Students’ Register maintained by the Board. A registration certificate bearing serial number allotted to the student will be sent to her/him through the head of the institution.
- 9.3 Candidates will be sent up only if they secure 50% mark in their Internal Assessment, Pathology, Microbiology and Biochemistry for the DMLT Courses.

Sl No	Subjects	Theor y	Practic al	Internal assessment
1	Haematology, Histopathology, Clinical Pathology	65	130	65 (Theo-30, Prac-35)
2	Bacteriology, Serology, Mycology, Virology and Animal Care	65	130	65 (Theo-30, Prac-35)
3-a	Elementary Principles of Physical Chemistry, Organic Chemistry, Elementary Biochemistry.	20	40	20 (Theo-10, Prac-10)
3-b	Principles of Common Clinico-Biochemical method	50	100	50 (Theo-20, Prac-30)
Total		200	400	200

(Internal Assessment examinations after completion of each subject)

- 9.4 All written examinations shall be of three hours’ duration and the number of papers in each subject shall be as mentioned above.
- 9.5 Every candidate for the Final Examination shall apply to the Secretary, State DMLT and DMRT Board through the Head of the Institution where he/she is undergoing his/her study, in the prescribed form together with the necessary certificates as per the **Annexure-VI**.
- 9.6 The fee payable with the application shall be such as may be prescribed by the Board from time to time. The fee is not refundable on any account.
- 9.7 No such application will be entertained unless it reaches the Secretary atleast 21 days before the date notified for commencement of the examination. An application received later but not later than 14 days before the commencement of examination, may on sufficient grounds being shown and accepted, be entertained provided that a late fee of Rs.200/- is paid for the delay.

- 9.8 A candidate declared to have passed the above examinations – Final – if he/she secures written 40% in each subject, 50% in aggregate, Practical & Oral 50%, Internal Assessment 50%. A candidate securing 75% marks or above in any subject or subjects, shall be declared to have obtained “Distinction” in that subject or subjects, provided he/she passes in all the subjects of the examination at the same time and at his/her first appearance at the examination.
- 9.9 A candidate, who appears in the Final Examination for the Diploma in Medical Laboratory Technology/Diploma in Medical Radiation Technology but fails to pass in all the subjects or in one or more subjects, may be admitted to one or more subsequent examinations in subject or subjects in which he/she failed provided, however, that he/she passes in all the subjects in three subsequent examinations within a period of two years computed from the date of the examination in which he/she appeared for the first time. If he/she does not pass the entire examination within a period of two years, as mentioned above, he/she shall have to take the whole examination in all the subjects at the time when he appears next.
- 9.10 A failed candidate shall have to undergo a further course of apprentice type training and produce a certificate from the Superintendent/Director of the Institution stating that he has, since the date of the last examination, attended to the satisfaction of the Superintendent/Director, further course of study in the subject or subjects in which he failed (**Annexure-VII**).
- 9.11 The general rules and regulations regarding conduct of examinations of the DMLT/DMRT Board shall apply with necessary modifications for the conduct of Diploma in Medical Laboratory Technology. Detailed rules and regulations may be framed by the Board from time to time.
- 9.12 The rates of remuneration to Paper Setters, Examiners, Assistants, Inspectors and Invigilators, etc. appointed to conduct the examinations and the rates of Travelling Allowance, Daily Allowances to Examiners and Inspectors, etc., shall be such as laid down by the Board.

10.0 Award of Diploma in Medical Laboratory Technology: DMLT [Tech] and Diploma in Medical Radiation Technology: DMRT [Tech]

- 10.1 A candidate who passes successfully the Final Examination will be granted a Diploma in Medical Laboratory Technology [Pathology, Microbiology & Biochemistry]: DMLT [Tech] only after he/she produces evidence of having duly completed not less than 300 hours Compulsory Clinical Training in not less than 3 months in the Pathology, Microbiology & Bio-Chemistry Departments of a recognized Hospital/Institution in which he/she has undergone his academic training. For the DMRT courses as well the candidate needs to produce evidence of having duly completed the required hours of training as per the prescribed syllabus.
- 10.2 Every such application shall be accompanied by a certificate from the Head of the recognized Hospital, in the form given in **Annexure- VIII**, with all the particular mentioned therein and the Superintendent/Director shall forward the same to the Secretary, in the form given in **Annexure- IX**, stating whether he/she considers him/her eligible to receive the Diploma in Medical Laboratory Technology: DMLT [Tech] or Diploma in Medical Radiation Technology: DMRT [Tech] as the case may be.

10.3 The Board may then, if satisfied that all requirements of these regulations have been fulfilled, issue the Diploma, which shall be in the form given in Appendix VII.

11.0 No of Seats

11.1 Government of Odisha reserves the right to increase or decrease seats in the DMLT/DMRT training schools as and when it feels basing on the recommendation of the committee after observing necessary formalities and conducting inspection.

11.2 However, as of now for the Private Institutions imparting DMLT courses, the intake capacity per year will be 40 till the government desires to increase or decrease it through its order/notification.

12.0 Fee to be charged by the Institute for the courses

12.1 Tuition Fees to be charged on the DMLT students per year shall not exceed Rs 40,000 per year/student as their course fees.

12.2 However, if there is a mid-term closure of the training institute, the institute authority has to refund money of 2 times of the tuition fees to its students who have been affected by such premature closure.

13.0 Fees and Payment

13.1 Recognised Institute has to pay Recognition Fee of Rs 7,500 per course per annum. Affiliated Institutions also have to pay Rs 4,000 as Examination fee per examination per course.

14.0 Norms and Standards for the Training Institutions

14.1 There should be minimum of standards and norms which is to be adhered by the Institution imparting DMLT/DMRT courses.

14.2 These norms are for the minimum teaching and non-teaching members, minimum no of equipment and infrastructure should be in place for the before starting.

14.3 In case of non-adherence to the minimum standards as prescribed by the government, upon inspection or if it is noticed, the recognition to the Institution will be cancelled/withheld.

14.4 The detailed norms and standards have been attached at Annex-III

15.0 Grievance Redressal

15.1 A designated officer will be at DMET (O) to address various complaints and hear grievances of the Applicants.

16.0 Interpretation/Removal of difficulties

- 16.1 If any question arises as to the interpretation of these guidelines, the same shall be decided by DMET (O).
- 16.2 The DMET (O) shall have the power to issue clarification to remove any doubt/difficulties which may arise in regard to implementation of these guidelines.

17.0 Withdrawal of Approval

- 17.1 If any institution/school contravenes any of the provisions of these guidelines, the Council in consultation with Government, after making such inquiry, as it may consider appropriate and after giving an opportunity to the institution/school of being heard, withdraw the approval granted under these guidelines.

Annexure I
Application for obtaining/continuing Government Recognition

Application for obtaining/continuing government recognition of “ State DMLT and DMRT Board”

1	Name _____ Phone No. _____ Fax No. _____ E-mail _____
2.	Name of the Course: _____
3.	No of seats applied for: _____
4.	Status of the Applicant (Individual/NGO/Society/Trust/PSUs/Private Hospital/Others): _____
	A. In case of Society/Trust _____ (i) Registration No..... (ii) Date of Registration..... (iii) Area of Jurisdiction..... (Attach copy of Registration of Society/Trust along with detail of constitution/Memorandum of Association of the Society/Trust)
	B. In case of Private Hospital (i) License No under Clinical Establishments' Act. ----- (ii) Date of issue of License ----- (iii) Validity period ----- (Attach copy of License under the Clinical Establishments' Act and audited statements of 3 previous financial years)
	C. In case of Individual Attach copy of Income Tax Returns for 3 previous financial years

5	<p>(i) Name of the Hospital proposed to be attached for practical Training</p> <p>_____</p> <p><i>(In case the proposed hospital is a private one, attach copy of the consent letter of the Head of the Hospital)</i></p> <p>(ii) Name of the Blood Bank proposed to be attached (For DMLT course only)</p> <p>_____</p> <p><i>(Attach copy of the consent letter of the Head of the Blood Bank/Hospital)</i></p> <p>(iii) Name of the investigation/diagnostic centre proposed to be attached _____</p> <p>(iv) Registration No of the investigation/diagnostic centre _____</p> <p><i>(Furnish information about the facilities available in the investigation/diagnostic centre in terms of manpower, equipment and infrastructure)</i></p>
6	<p>(i) Details of member/Trustees and their experience in running Para Medical Courses along with present occupation and academic background:</p>

Name of the Member/Trustees	Designation in Society	Present Occupation	Academic Background	Experience

Name:

Signature of the Head of Institute (Applicant) :

Date with stamp :

Availability of Existing Infrastructural Facilities

1. Whether the Institution is/will be established in own building or in a rented building_____

(Documentary evidence is required in case of owned building and in case of rented building the rent receipt and Agreement with the owner is required.)

Whether potable water is supplied :

Whether Gas is provided :

Whether electricity is provided :

Whether waste disposal management system is followed:

Accommodation:-

The Institution must provide adequate ventilation, lighting and maintain good hygienic condition. The Institute should have adequate number of toilets separately for teaching staff and for male & female students.

Administrative area should consist of the following:

Sl. No.	Particulars	Size of the room	Remarks of Inspectors
	Head of Department Room		
	Staff Room:		
	Room for Teaching Staff/Board Members		
	Room for Technicians		
	Office Room		
	Store Room		

2. Academic Area should consist of the following:

Sl. No.	Particulars	Size of the room	Remarks of Inspectors
1	Class Room		
2	Library		
3	Students' Common Room		

3. Training Area

The Training Area should be provided with the following:

Sl. No.	Particulars	Size of the room	Remarks of Inspectors
1	Clinical Pathology/		
2	Hematology		
3	Clinical Biochemistry		
4	Clinical Microbiology		
5	Histopathology &		

6	Cytopathology		
7	Media Preparation Room		
8	Sterilization Room		
9	Animal Room		
10	Reception/Blood Collection Room		
11	Museum		

4. Staff:

Name of the staff already deployed

Sl.No.	Designation	Name & Address	Qualification & experience	Date of Appointment	Inspector's Remarks
1					
2					
3					
4					
5					
6					
7					
8					

5. Registers to be maintained

Whether the following records are maintained

- a. Attendance for staff
- b. Acquittance
- c. Cash Book
- d. Store material receive and supply (Stock Ledgers)
- e. Students Attendance
- f. Student Admission Register
- g. Dead Stock Register
- h. Patients' Attendance Register/Daily Treatment Register in Clinic.

6. List of Equipment (both at the Institution and at the attached hospital):

Sl No	Details	No as per guideline	Number available
Clinical Pathology, Hematology			
1	Microscope (Monocular)	1 per 2 students	
2	Microscope (Binocular)	1 per 4 students	
3	Centrifuge	1	

4	Waterbath (37')	1	
5	Haemocytometer, Haemoglobinometer, Counting Chamber, Haematocrit tube,	AR	
6	Westergren Pipette		
7	Refrigerator	1	
8	Stop Watch	1	
9	Glass equipment	AR	
10	Charts showing microscopic findings of stool & urine examinations	AR	
1	Glass Equipment	AR	
2	Platinum Loops	AR	

Sl No	Details	No	
Clinical Pathology, Hematology			
1	Photoelectric colorimeter	1	
2	Blood Cell Counter (Semi/automated)	1	
1	Colorimeter	1	
2	Spectrophotometer	1	
3	Flame Photometer	1	
4	Semi-automated/Automated Analyser	1	
5	Water Bath	1	
6	Centrifuge	1	
7	Chemical Balance	1	
8	Incubator	1	
9	Refrigerator	1	
10	Glass Articles	AR	
1	Autoclave	1	
2	Hot Air Oven	1	
3	Serum Inspisatro	1	
4	Incubator	1	
5	Refrigerator	1	
6	Centrifuge	1	
7	Weigh Balance	1	
8	PH Meter	1	
Serology, Immonology, Hormone Assay			
1	Centrifuge Machine	1	
2	Incubeter	1	
3	Water Bath 37'/56'C	1	
4	Refrigerator	1	

5	VDRL Shaker	1	
6	Glass articles	AR	
7	Electrophoresis System	AR	
8	Elisa Reader	AR	
9	Hormone Assay System	AR	
10	Hormone Assay System	AR	
	Histopathology & Cytopathology		
1	Tissue processor	1	
2	Microtome	1	
3	Parrafin Bath	1	
4	Floatation Bath	1	
5	Centrifuge	1	
	Staining System	1	
1	Hematology	1	
2	Grahms Staining	1	
3	2-N Staining	1	
4	Hematoxylin & Eosin Staining	1	
5	Pap Stain	1	
6	MGG Stain	1	

Name:

Signature of the Head of Institute:

Date with stamp:

Phone No.:

BEFORE THE NOTARY PUBLIC

DECLARATION FOR UNDERTAKING

I, Sri / Miss / Mrs. _____ aged about _____ yrs., Son / Daughter / Wife of _____ at _____ village _____, PS _____ do hereby undertake to abide by the norms of guidelines of Govt. issued vide resolution No.31390 dtd.15.11.2013 for opening of DMLT / DMRT schools.

That, I further undertake not to violate the norms of such guideline and if violation of the same is detected, I will be penalised as per provision of the guidelines.

That, the facts stated above are true to the best of my knowledge and belief.

Applicant / Deponent

CERTIFICATE

The above named person do hereby undertake to abide by the guidelines as mentioned above and submissions made by him / her above are true to the best of his / her knowledge and belief.

(Notary)

Annexure-II
Minimum Standards Requirements

A) FOR DMLT COURSE

Minimum requirement for the Opening up of DMLT School with 40 intake/year

To be submitted by the Institution

- a) Whether the institution is/will be established in own building or in a rented building (documentary evidence is required in case of rented building and in case of rented building the rent receipt and agreement with the owner is required)
- b) The institution must provide adequate ventilation, lighting and maintain good hygienic condition.
- c) The institution should have adequate number of toilets separately for teaching staff and for male & female students.

A. Infrastructure requirement

Sl No	Details	No	Area in Sq Ft	Total Area	Remark
1	Classroom	2	700	1400	Furnished with sitting accomodation, Black/White Board and audio visual equipment (LCD Projector)
2	Laboratory	1	800	800	
3	Library	1	500	500	Furnished with Table, Chairs, Almirahs and other fixtures
4	Students' Common Room	2	300	600	Separate for boys and girls students
5	Faculty Room	1	200	200	
6	Principal Room	1	150	150	
7	Auditorium			0	
8	Toilets	2	200	400	Separate for boys and girls
9	Room for Technicians	1	200	200	

Adequate accommodation for the following facilities must be available for training

- 1 Clinical Pathology
- 2 Clinical Microbiology
- 3 Histopathology & Cytopathology
- 4 Media Preparation Room
- 5 Sterilisation Room
- 6 Animal Room
- 7 Reception/Blood Collection Room

B. Human Resource requirement for DMLT

Sl No	Staff	No of Staff	Part time	Full time	Qualification
1	Principal /Superintendent	1			MD in any Medical discipline
2	Lab Technicians	1			DMLT
4	Lab Attendant	1			B Sc in any discipline
5	Clinical Pathology-Teacher	1			MD/MBBS
6	Clinical Microbiology-Teacher	1			MD/MBBS/ M.Sc., Microbiology
7	Clinical Biochemistry-Teacher	1			MD/MBBS/ M Sc, Medical Biochemistry
10	Anatomy-Teacher	1			MD/MBBS/M Sc in Medical Anatomy/M Sc, LT
11	Physiology-Teacher	1			MD/MBBS/M Sc in Medical Physiology/M Sc, LT
12	Data Entry Operator cum Ministerial Staff	1			Graduate any discipline with Computer knowledge

C. Library

A complete list of 500 titled books should be there in the Library. In order to know that these books are intended for this course the bills for the purchase of library book should be enclosed with the particulars duly signed by the applicant

Laboratory Equipment

Sl No	Details	No	Institution	Hospital
Clinical Pathology, Haematology				
1	Microscope (Monocular)	1 per 2 students		
2	Microscope (Binocular)	1 per 4 students		
3	Centrifuge	1		
4	Water bath (37°)	1		
5	Haemocytometer, Haemoglobinometer, Counting Chamber, Haematocrit tube,	AR		
6	Westergreen Pipette			
7	Photoelectric colorimeter	1		
8	Blood Cell Counter (Semi/automated)	1		
9	Refrigerator	1		
10	Stop Watch	1		

11	Glass equipment	AR		
12	Charts showing microscopic findings of stool & urine examinations	AR		
Clinical Bio-Chemistry				
1	Colorimeter	1		
2	Spectrophotometer	1		
3	Flame Photometer	1		
4	Semi-automated/Automated Analyser	1		
5	Water Bath	1		
6	Centrifuge	1		
7	Chemical Balance	1		
8	Incubator	1		
9	Refrigerator	1		
10	Glass Articles	AR		
Microbiology				
1	Autoclave	1		
2	Hot Air Oven	1		
3	Serum Inspisator	1		
4	Incubator	1		
5	Refrigerator	1		
6	Centrifuge	1		
7	Weigh Balance	1		
8	PH Meter	1		
9	Glass Equipment	AR		
10	Platinum Loops	AR		
Serology, Immunology, Hormone Assay				
1	Centrifuge Machine	1		
2	Incubator	1		
3	Water Bath 37°/56°C	1		
4	Refrigerator	1		
5	VDRL Shaker	1		
6	Glass articles	AR		
7	Electrophoresis System	AR		
8	Elisa Reader	AR		
9	Hormone Assay System	AR		
10	Hormone Assay System	AR		
Histopathology & Cytopathology				
1	Tissue processor	1		
2	Microtome	1		
3	Parrafin Bath	1		
4	Floatation Bath	1		
5	Centrifuge	1		
	Staining System	1		

1	Haematology	1		
2	Grahms Staining	1		
3	2-N Staining	1		

Note: The practical Training will be equipped with the instruments as mentioned in the above list
Along with the institutional theory and practical classes the students should undertake practical training in a attached hospital

B) FOR DMRT COURSE

Infrastructure Requirement

- Adequate building must be there with the Institute for the classrooms and equipment as per the Atomic Energy Regulatory Body (AERB) norms.

Human Resource Requirement

Sl No	Staff	No of Staff	Part time	Full time	Qualifications
Teaching Staff					
1	Principal/Superintendent	1			MD in any Medical discipline
2	Clinical Pathology and Microbiology-Teacher	1			MD, Pathology/Microbiology/MBBS
3	Social and Preventive Medicine-Teacher	1			MD, SPM/MBBS
4	Radiotherapy-Teacher	1			MD, Radiotherapy/MBBS
5	Anatomy-Teacher	1			MD/MBBS/M Sc in Medical Anatomy/M Sc LT
6	Physiology-Teacher	1			MD/MBBS/M Sc in Medical Physiology//M Sc LT
7	Radio physicist	1			M Sc in Radiophysics
Technicians and Support Staff					
1	Radiographer	1			DMRT
2	Dark room Assistant	1			
3	X ray Attendant	2			
4	Data Entry Operator cum Ministerial Staff	1			Graduate any discipline with Computer knowledge

Equipment

Following equipments must be there in the training institution

SI No	Name of the Equipment
1	500/700 mA X ray machine with IITV
2	CR system – Digital X ray
3	OPG
4	Dental X ray
5	DR system
6	CT scan
7	MRI
8	Portable 30 mA X ray machine
9	Mobile X ray 60 mA
10	Mammography
11	Cassettes hangers as per need
12	Processing tank 9 litres (min 03)
13	Processing tank 18 litres (01)
14	Foot step
15	Chest stand
16	Lead film laying box
17	Chairs and tables as per need for classrooms, laboratories and X ray works
18	Fans and AC facilities for all rooms
19	Films for X ray works
20	Chemicals for dark room works
21	Lead blocker
22	Safe light

Teaching Aid- Adequate arrangement for audio visual aids like LCD Projector, Laptop, Desktop, White/Black Board must be there.

Annexure III Report of the Inspectors

Summary of findings by the Inspectors in respect of _____ Name of the Institution
For _____ Course.

1. Accommodation (including toilet, ventilation, light) :
2. Water, Electricity, Gas & Waste Disposal :
3. Furniture :
4. Office Records :
5. Laboratory equipment :
6. Qualification of Teachers :
7. Teacher-student ratio :
8. Workload of teachers :
9. Library books and Journals :
10. No. of working days in the session :
11. Daily working hours :
12. Laboratory facilities provided to the students :
13. Standard of teaching :
14. Standard of students :
15. Performance of students in
 - i) Theoretical :
 - ii) Practical :
 - iii) Oral :
16. Facilities provided for conducting the examination :
17. Date of Last Inspection :
18. Compliance of past deficiencies (if any) :
19. Recommendation of Inspectors: The Institution may be granted affiliation/following conditions are to be fulfilled before consideration of extending/according affiliation.

1.

2.

Name and Signature of the Inspectors with
date

Annexure IV

Syllabus for DMLT Course

A. Clinical Pathology:

- a) Reception of patients, noting carefully the test advised phlebotomy and after-care of patients.
- b) The Microscope-different types, parts of microscope, cleaning & care.
- c) Examination of URINE.
Physical examination-colour, transparency, pH and Sp gravity.
Chemical examination-Protein, sugar, ketone bodies, Bile pigment/salt, Chyle, blood
Microscopical exam-cells (RBC,WBC, Epith), casts, crystals & other Special tests, Detection of microalbumin & 24 hrs urine protein estimation.
- d) Examination of body fluids-CSF, (only staining procedure) Pleural, peritoneal & pericardial fl. Bronchoalveolar lavage fl, hydatid cyst fluid.
- e) Examination of Semen: physical characters, count, motility, viability, and morphology .

B. Haematology & Blood Banking:

- a) Composition of blood and its function
- b) Morphology of blood cells
- c) Common anticoagulants used-composition, amount, mechanism of action and methods of preparation of different types of vials.
- d) Methods of estimation of Hemoglobin
- e) Methods of total counts of WBC,RBC & Platelets & fluids used.
- f) Methods of determination of PCV
- g) Calculation different red cell indices (Haemogram)
- h) Basic principles of semi or automated blood cell counters.
- i) Drawing of peripheral blood smear, staining & stain preparation.
- j) Bone marrow aspiration staining
- k) Differential leucocyte count(peripheral smear study)
- l) Reticulocyte staining, count and preparation of stain.
- m) Erythrocyte sedimentation rate (procedure & reading only)
- n) Basic tests for coagulopathy-BT, CT, P time, APTT; Fac VIII & IX assaying
- o) Some special test-LE cell test, RBC Osmotic fragility & Foetal Hb%
- p) Blood group (ABO & Rh) –methods of grouping & reverse typing
- q) Basic blood banking procedures-collection of blood, anticoagulants used, cross matching, different screening tests including Coomb's test for incomplete antibodies, preparation of different blood components for use and how to serve a requisition.
- r) Basics of Quality control methods and Laboratory accreditation.
- s) Biosafety measures and disposal of laboratory waste
- t) Cylochemical Stain for diagnosis/ differential diagnosis of leukemia.

C. Histopathology & Cytopathology:

- a) Basic concepts of histological structure of mammalian tissue.
- b) Receiving of biopsy specimens at laboratory (clinical notes/fixatives)
- c) Fixation of tissue-different fixatives and their mode of action.
- d) Methods of decalcification
- e) Processing of tissues-protocol for manual & automated tissue processors, paraffin embedding & preparation of blocks, Preparation of reagents, different techniques & application.

- f) Use of Microtomes-selection and maintenance of knives, technique of section cutting and mounting on slides
- g) Staining of tissue sections-preparation of different stains, staining methods for Haematoxylin & Eosin, Reticulin, PAS Van-Gieson, Masson's trichrome, Lipid & Mucin stains
- h) Preservation of specimens and mounting of museum specimens.
- i) Preparation of cytosmears and H&E, Papanicolaou & MGG staining
- j) Cytochemistry & immunohistochemistry

D. Microbiology:

- a) Basic knowledge of systemic bacteriology should be included in respect of some important bacteria like Gram +ve and -ve cocci, Enterobacteriaceae family, Mycobacterium, Corynebacterium, Gram+ve spore bearers, Vibrio, Haemophilus, Pseudomonas, Treponema, before starting of clinical Microbiology.
- b) Basic knowledge of some important parasites Entamoeba, Plasmodium, Leishmania, Taenia, Echinococcus, should be included in the syllabus.
- c) The microbial world and the structure of microbes.
- d) Morphological variations and classification.
- e) Physiology and growth requirements.
- f) Principles of anaerobiosis and how to obtain anaerobiosis.
- g) Sterilization – principles and different methods adopted
- h) Disposal of Laboratory waste.
- i) Preparation of culture media.
- j) Methods of inoculation of culture media from different samples.
- k) Morphological identification of bacteria by colony characters, staining and motility test.
- l) Biochemical tests and its interpretation.
- m) Laboratory Diagnosis of Staphylococcal infection.
- n) Laboratory Diagnosis of Streptococcal infection.
- o) Laboratory Diagnosis of Diphtheria
- p) Laboratory Diagnosis of Tuberculosis.
- q) Laboratory Diagnosis of Typhoid & Bacillary dysentery.
- r) Laboratory Diagnosis of Cholera
- s) Laboratory Diagnosis of Meningitis.
- t) Laboratory Diagnosis of Septicemia
- u) Methods of colony count.
- v) Bacteriology of water, milk and food.
- w) Antibiotic Sensitivity Testing.

E. Serology:

- a) Antigens and antibodies – definition, different types, preparation and preservation of antigens and antisera.
- b) Type of antigen-antibody reactions.
- c) Diagnostic serology – methods and interpretation of Widal, Brucella agglutination test; Weil-Felix, Kahn and VDRL tests, Wassermann reaction; Aldehyde test; ASO titre, ELISA [both macro and micro ELISA including demonstration of ELISA reader.

F. Bio-Chemistry:

Sl. No.	Topics	No. of Lectures
1	Laboratory hazards, Laboratory safety Procedures, Laboratory Waste disposal.	2
2	Collection, Separation, Preservation and transport of the biological specimens, anticoagulants.	2
3	Clinical laboratory instrumentation (Balance, Oven, Water bath).	2
4	Concept of solute, solvent & colloidal solution, Normal solution, Molar solution, molal solution, osmol, osmolar solution ,standard solution (Primary & Secondary) ionic strength of a solution.	2
5	Acid, Base, Buffer. (Definition, example, PK, PH, Handerson- Hasselbach's equation)	2
6	Principles of Photometry, (Lambert-Beer's Law , Colorimetry, Spectrophotometry, Flame photometry, Reflectance Fluorometry, Preparation of standard curve.)	2
7	Ion selective electrodes. (Nernst equation , PH electrode, Sodium, Potassium electrode,Pco2 electrode)	2
8	Chemistry of Carbohydrates	2
9	Chemistry of Lipids	2
10	Chemistry of Amino acids & proteins.	2
11	Chemistry of Nucleic acids & nucleotides.	2
12	Radioactivity (Types of radioactive decay with examples, Radioactive half life , Units of radioactivity, application of radioisotope in clinical chemistry)	2
13	Electrophoresis. (Principle, types, application in clinical biochemistry, Serum & Hemoglobin electrophoresis.)	2
14	Detection of Drugs & Toxic substances. (Principles of Chromatography, paper& thin layer Chromatography ,their application in detection of drugs & toxic substances)	2
15	Definition of Antigen & Antibody Antigen – Antibody reaction, Detection of Antigen-Antibody Reactions (ELISA,RIA)	3
16	Clinical Enzymology. (Definition of enzyme, classification with examples, types of enzyme-substrate reactions assay of enzymes i.e. End point & Kinetic , clinical importance of enzymes, isoenzymes.)	3
17	Disorders of Carbohydrate metabolism & their detection. (Method of measurement of glucose in plasma & urine ,ADA classification of Diabetes Mellitus , Glucose Tolerance Test , Detection of gestational diabetes , Glycosylated hemoglobin, self monitoring of blood glucose.)	3
18	Nutritional disorders & their detection.	2
19	Liver Function Tests (Overview of anatomy & physiology of Liver, bilirubin metabolism metabolism Jaundice & its biochemical diagnosis.)	3

20	Renal Function Tests (Overview of anatomy & physiology of Kidney , Clearance Tests , Other biochemical tests for detection of the renal function i.e. Serum creatinine ,urea, sodium, potassium, urinary micro albumin, urinary osmolarity.)	4
21	Disorders of Cardiovascular system & their laboratory detection. (Disorders of Cholesterol metabolism measurement of plasma lipoproteins, Cardiac enzymes.)	3
22	Thyroid Function Tests	2
23	Pancreatic & Gastrointestinal Function Tests. (Faecal fat ,Hyper - amylasemia, D- Xylose absorption test)	2
24	Disorders of joints & their detection.	2
25	Basic concept of laboratory automation . (Configuration of a clinical laboratory analyzers)	3
26	Basic concept of laboratory statistics (Reference value ,mean , median, mode ,standard deviation ,coefficient of variation)	2
27	Basic concept of quality control in clinical biochemistry laboratory. (Control material , Levey Jennings plot)	2

G. Animal Care:

- a) Common Laboratory Animal – General knowledge about their food, housing, breeding, handling etc.
- b) Care of normal and experimental animals – cage sterilization, Disposal of infected materials.
- c) Sacrifice, Post-mortem and disposal.

Syllabus for DMET Courses

Syllabus for DMRT Courses shall be finalised by the Council and made available in the office of the DMET.

Annexure V
Application Form for the Candidate for Registration

Form of application for registration in the name of a student admitted to an approved Training Institution for Diploma in Medical Laboratory Technology: DMLT [Tech] and Diploma in Medical Radiation Technology DMRT [Tech]

1. Name of the Student (in block letters):

2. Address

2.1. Permanent

2.2. Present {with contact number}

3. Father's/Husband's Name {in block letters}

4. Sex and Age {as on the date of admission} _____ / _____

5. Religion/Caste _____ / _____

6. Name of the approved training Institution

7. Date of admission into the courses

8. Educational Qualification till the date of admission

DECLARATION:

I do hereby declare that the above particulars furnished by me are true to the best of my knowledge.

Signature of the Applicant

Signature of the Head of the Institution
[With official seal]

Dated the of 20

Annexure VI

Application for admission to the Examination

**STATE DMLT AND DMRT BOARD,
ODISHA**

Application for admission to the Preliminary Examination for Diploma in Medical Laboratory
Technology : DMLT [Tech]/ Diploma in Medical Radiation Technology : DMRT [Tech]

To,

**The Secretary,
State DMLT and DMRT Board,
Odisha.**

Sir

I beg to apply for admission to the ensuing Final Examination for Diploma in
Medical Laboratory Technology : DMLT [Tech]/ Diploma in Medical Radiation Technology :
DMRT [Tech] to be held by the State DMLT Board of Odisha from
.....

The required certificate from the Head of the Institution is given herewith and I have paid the
prescribed fee of Rs. in his office.

- 1. Name in full (Block letters) :
- 2. Father's Name :
- 3. Present Age :
- 4. Student Registration No. :
- 5. Permanent Address :
- 6. Present :

Dated, the20
the applicant in full

Signature of

**Certificate of the Head of the
Institution**

I certify as below

[1] that the above named
..... was admitted in this
Institution for the course of Diploma in Medical Laboratory Technology : DMLT [Tech]/ Diploma
in Medical Radiation Technology : DMRT [Tech] on

[2] that previous to his/her admission, he/she has attended regularly the course of studies as laid
down in the Regulations. His/her attendance in the several subjects being as below (for DMLT
Students):

<u>Subject to be taught</u>	<u>Lectures(1 hr.) Laboratory Work</u>
1) Principles of	
a) Analytical Biochemistry	
b) Physical chemistry	
c) Common Clinico Biochemical methods	
2) Haematology	
3) Blood Banking	
4) Bacteriology, Virology & Mycology (32 + 6 + 4)	
5) Serology, Immunology & Animal Care	
6) Parasitology	
7) Clinical Pathology	
8) Histopathology & Cytopathology (14+6), HLA typing +Immunochemistry	
9) Animal Care	

That s/he has paid in my office the prescribed fee of Rs 500/ which is being separately remitted to the
Board.

That her/his conduct in the institution is satisfactory.

Signature of the Head of the Institution

Dated _____ of 20

*** Detailed break up of subjects taught with Lectures and Lab work must also be given
for the DMRT students as outlined in this format in case of DMRT.**

Annexure VII
Application for failed candidates

STATE DMLT AND DMRT BOARD, Odisha

(Certificate by the Head of the Institution regarding further course of training in the subject or subjects in case of a failed candidate)

This is to certify that Sri/Sm.

..... who appeared at
the Final Examination for the Diploma in Medical Laboratory Technology : DMLT [Tech]/
Diploma in Medical Radiation Technology : DMRT [Tech] in

.....20 and failed in

.....
.....

..... has undergone a further
course of training in the following subject/subjects since the date of the last
examination to my entire satisfaction.

Sl. No.	Subject(s)	Number of Theoretical Lecturers/ Demonstrations attended
-----	-----	-----

Signature of the Head of the Institute

Dated, the20

Place :

Annexure VIII
Certificate of Internship

STATE DMLT AND DMRT BOARD, DISHA

(Certificates to be produced by students of Diploma in Medical Laboratory Technology :
DMLT [Tech]/ Diploma in Medical Radiation Technology : DMRT [Tech] after completion
of Practical Training)

No. :

Date :

I.....,hereby certify

that.....
[name of the student] after passing the Final Examination for Diploma in Medical Laboratory
Technology (Pathology, Microbiology & Biochemistry): DMLT [Tech]/ Diploma in Medical
Radiation Technology: DMRT [Tech] underwent practical training forhours
during the period fromto under my
supervision and guidance.

Signature

.....

Name

.....

Designation

.....

Address

.....

(Countersigned by the Head of the Hospital)

Annexure IX
Application for award of Diploma

STATE DMLT AND DMRT BOARD OF

ODISHA

To
The Secretary, State DMLT and DMRT Board
H&FW Department, Govt of Odisha

Sir

I am to say that the under-mentioned students have passed the Final Examination for the Diploma in Medical Laboratory Technology: DMLT [Tech]/ Diploma in Medical Radiation Technology: DMRT [Tech] held by the Board in20 and have thereafter undergone the practical training as required under the Regulations of which the necessary certificates arte enclosed. I certify that I consider the students to be eligible to receive the Diploma in Medical Laboratory Technology: DMLT [Tech] .

Yours faithfully,

Head of the Institution

Annexure X
Award of Diploma

STATE DMLT AND DMRT BOARD,
ODISHA

Diploma in Medical Laboratory Technology: DMLT [Tech]

We, the Chairperson and Members of the DMLT Board of Odisha, acting under DMLT and DMRT Council and in accordance with the Resolution made there under with the approval of the Government of Odisha, do hereby declare that.....after undergoing the prescribed course of training for the Diploma in Medical Laboratory Technology : DMLT [Tech], duly passed the Final Examination for the Diploma in Medical Laboratory Technology : DMLT [Tech] held by this Board in the month of20 with distinction.

And we, accordingly, grant him/her this Diploma in Medical Laboratory Technology : DMLT [Tech] of this Board.

Dated at Bhubaneswar, theday ofin the year

Signed on behalf of the Governing Body of the State DMLT and DMRT Board, Odisha.

Secretary

Chairman

Signature of the holder

STATE DMLT AND DMRT BOARD,

ODISHA

Diploma in Medical Radiation Technology: DMRT [Tech]

We, the Chairperson and Members of the DMLT Board of Odisha, acting under DMLT and DMRT Council and in accordance with the Resolution made there under with the approval of the Government of Odisha, do hereby declare that.....after undergoing the prescribed course of training for the Diploma in Medical Radiation Technology : DMRT [Tech], duly passed the Final Examination for the Diploma in Medical Radiation Technology : DMRT [Tech] held by this Board in the month of20 with distinction.

And we, accordingly, grant him/her this Diploma in Medical Radiation Technology: DMRT [Tech], of this Board.

Dated at Bhubaneswar, theday ofin the year

Signed on behalf of the Governing Body of the State DMLT and DMRT Board, Odisha.

Secretary

Chairman

Signature of the holder