



SWAMI VIVEKANAND
SUBHARTI
UNIVERSITY
Meerut
UGC Approved



AN ISO 21001: 2018 ORGANIZATION

OFFICE OF THE REGISTRAR

Gp Capt M Yakoob

M-in-D (Retd.), M.Tech.

REGISTRAR

registrar@subharti.org

Ref.No.U-508/SVSU/2026/4434

Date:04.06.2026

NOTIFICATION

It is hereby notified for information of all the concerned that the Academic Council in its 36th meeting held on 11-03-2026 vide resolution No.36(37) has approved the following new ordinance:

Ordinance No.V-148(A), relating to Master of Medical Laboratory Science (M.MLS)

The copy of above is enclosed and shall be applicable from Academic Session 2026-27 onwards.

This issues with the approval of the Hon'ble Vice Chancellor.

Ref.No.U-508/SVSU/2026/4434

Copy forwarded to information of:

1. Hon'ble Vice-Chancellor
2. Controller of Examination
3. Dean-Academics
4. Director-IQAC
5. Principal-Subharti College of Allied and Healthcare (for compliance please)
6. CTO (with a request to upload the ordinance on University website)
7. Additional Registrar-Academics
8. Guard File

2008ⁿ
04.06
2026
Registrar

Date: 04.06.2026



2008ⁿ
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2026
Registrar



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Subhartipuram, NH-58, Delhi-Haridwar Bypass Road, Meerut-250005 (U.P.) INDIA

V-148.A

Ordinance No..... A GOVERNING**TWO YEARS MASTER OF MEDICAL LABORATORY SCIENCE (MMLS) PROGRAMME**

(TWO YEARS)

(Effective from: 2026-27)

1. This Ordinance may be called the “**Ordinance relating to Master of Medical Laboratory Science (MMLS)**” programme. This ordinance has been drafted in accordance with **National Commission for Allied and Healthcare Professions (NCAHP)** guidelines; all future updates issued by the NCAHP will be strictly implemented.
2. This ordinance shall be applicable from the Academic Session 2026-27.
3. Master of Medical Laboratory Science (MMLS) shall be conducted in the Department of Medical Laboratory Science under the Subharti College of Allied and Healthcare, Faculty of Allied Health Sciences in four different specializations-
 - a) Medical Biochemistry
 - b) Medical Microbiology
 - c) Haematology and Transfusion Medicine
 - d) Histology and Cytology

I. GENERAL PROVISION

1. The programme of study leading to MMLS of SVSU shall be of two years duration.
4. The programme of study leading to MMLS of the SVSU shall be conducted in the Department of Medical Laboratory Science under the Subharti College of Allied and Healthcare, Faculty of Allied Health Sciences.
2. The admission to MMLS programme shall be dealt with by the Director Admission Cell and Principal, the last date for the receipt of the application form shall be fixed by the Director, Admission Cell as per the guidelines received from the Uttar Pradesh State Allied and Healthcare Council (UPSAHC).
3. The candidate seeking admission will have to apply on a prescribed format available from the University on payment of prescribed fee.

A. Admission Eligibility Criteria

1. Candidates must have passed Bachelor of Medical Laboratory Science (B.MLS) on regular mode from recognized university.
2. Admission on the basis of entrance exams by Swami Vivekanand Subharti University, Meerut.
3. Post Graduate entrance criteria requires to be compulsory registered member of NCAHP.

B. Intake: The intake to MMLS programme shall be 24.

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C. Degree Awarded: Master of Medical Laboratory Science (MMLS)

II. CONDUCT OF THE PROGRAMME

1. A candidate admitted to the MMLS programme shall be permitted to appear at University examinations only when he/she has been enrolled as a student of the SVSU and has submitted the migration certificate and paid the enrollment fee prescribed herein after by the ordinances.
2. To qualify for the MMLS programme, the candidate must earn the prescribed number of credits as contained in the course structure/syllabus detailed herein after.
3. A student of the MMLS programme shall not be permitted to seek admission concurrently to any other equivalent or higher degree or diploma examination in the university.
4. **Programme Completion Timeline**
All academic coursework must be completed within **4 years** from the date of admission.
Note: Failure to complete the programme within the stipulated maximum duration will result in **automatic exit** from the programme.
5. Inter-University Ordinances i) Not withstanding anything contained in these ordinances a student who is qualified under the foregoing ordinances for admission to the university, and who is a member of some other Indian University, shall not be admitted to the university or any constituent college/faculty thereof without the production of: a) A leaving or transfer certificate signed by the Principal of the last college attended and certifying to the satisfactory conduct of the student mentioning the highest examination he/she has passed, and b) A certified copy of all the entries against his/her name in the Enrollment Register of the University if such a copy is obtainable.
6. A student of some other Indian University shall in any case be admitted only at the beginning of the particular course which he/she proposes to take in the University.

III. ATTENDANCE RULES

A candidate has to secure minimum-

1. 80% attendance in theoretical.
 2. 80% in skill training (practical) for qualifying to appear for the final examination.
- No relaxation, whatsoever, will be permissible to this rule under any ground including indisposition etc.

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Duration of the programme

Duration of the programme is 2 years or 4 semesters with 1340 hours of Lecture & 900 hours of practical Training.

- Total number of hours: **2240**
- Total Credits: **86**

Medium of instruction

English shall be the medium of instruction for all the subject of study and for examination of the course.

IV. COURSE STRUCTURE AND SCHEME OF EXAMINATION OF MMLS PROGRAMME

Candidates for the two years MMLS examination shall be examined in the following subjects in accordance with the syllabi or course prescribed in the following ordinances.

1. Course Structure:

The MMLS programme shall be of two years duration. A student is required to offer compulsory courses of **86 credits** in two years as per the details given below. The various courses to be offered in these two years are given below.

Course Structure

Semester I -Common for all specializations

Semester	Course	Code	Credit (L+T+P)*
I	Medical Laboratory Management	MMLS-001	4+0+0
I	Cell and Molecular Biology	MMLS-002	4+0+0
I	Research Methodology & Biostatistics	MMLS-003	2+0+0
I	Advanced Molecular Diagnostic Techniques	MMLS-004	4+0+0
I	Digital Health Technologies	MMLS-005	2+0+0
I	Elective Course [#]	MMLS-006	0+0+2
I	Research Methodology & Biostatistics Practical	MMLS-007	0+0+2
I	Advanced Molecular Diagnostic Techniques Practical	MMLS-008	0+0+2

Abbreviations: *L- Lecture, T-Tutorial, P- Practical

Semester II -Medical Biochemistry

Semester	Course	Code	Credit (L+T+P)*
II	Bioorganic & Biophysical Chemistry	MMLS-B-009	4+0+0
II	Instrumentation	MMLS-B-010	4+0+0
II	Enzymology & Nutrition	MMLS-B-011	4+0+0
II	Intermediary Metabolism	MMLS-B-012	4+0+0
II	Bioorganic & Biophysical Chemistry Practical	MMLS-B-013	0+0+4
II	Instrumentation Practical	MMLS-B-014	0+0+4
II	Clinical Posting	MMLS-B-015	0+0+4

Abbreviations: *L- Lecture, T-Tutorial, P- Practical

Semester II -Medical Microbiology

Semester	Course	Code	Credit (L+T+P)*
II	Essential and Applied Microbiology	MMLS-M-009	3+1+0
II	Systematic Bacteriology	MMLS-M-010	3+1+0
II	Medical Entomology and Parasitology	MMLS-M-011	3+1+0
II	Immunology and Immunodiagnostics	MMLS-M-012	3+1+0
II	Systematic Bacteriology Practical	MMLS-M-013	0+0+4
II	Medical Entomology and Parasitology Practical	MMLS-M-014	0+0+4
II	Immunology and Immunodiagnostics Practical	MMLS-M-015	0+0+4

Abbreviations: *L- Lecture, T-Tutorial, P- Practical

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Semester II - Haematology and Transfusion Medicine

Semester	Course	Code	Credit (L+T+P)*
II	Haematology and Haematological Disorders	MMLS-H-009	4+0+0
II	Haemostatic Disorders	MMLS-H-010	4+0+0
II	Applied Immunopathology in Haematology	MMLS-H-011	4+0+0
II	Clinical Pathology	MMLS-H-012	2+0+0
II	Haematology and Haematological Disorders Practical	MMLS-H-013	0+0+2
II	Haemostatic Disorders Practical	MMLS-H-014	0+0+2
II	Applied Immunopathology in Haematology Practical	MMLS-H-015	0+0+2
II	Clinical Pathology Practical	MMLS-H-016	0+0+2

Abbreviations: *L- Lecture, T-Tutorial, P- Practical

Semester II - Histology and Cytology

Semester	Course	Code	Credit (L+T+P)*
II	Translational Anatomy and Cell Dynamics	MMLS-C-009	4+0+0
II	Essentials of Histology	MMLS-C-010	4+0+0
II	Essentials of Cytopathology	MMLS-C-011	4+0+0
II	Cancer Epidemiology and Digital Pathology	MMLS-C-012	2+0+0
II	Translational Anatomy and Cell Dynamics Practical	MMLS-C-013	0+0+2
II	Essentials of Histology Practical	MMLS-C-014	0+0+2
II	Essentials of Cytopathology Practical	MMLS-C-015	0+0+2

II	Cancer epidemiology and Digital Pathology Practical	MMLS-C-016	0+0+2
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Abbreviations: *L- Lecture, T-Tutorial, P- Practical

Semester III -Medical Biochemistry

Semester	Course	Code	Credit (L+T+P)*
III	Clinical Biochemistry I	MMLS-B-016	4+0+0
III	Clinical Biochemistry II	MMLS-B-017	4+0+0
III	Immunology	MMLS-B-018	4+0+0
III	Endocrinology & Biochemistry of Aging	MMLS-B-019	4+0+0
III	Clinical Biochemistry I Practical	MMLS-B-020	0+0+2
III	Clinical Biochemistry II Practical	MMLS-B-021	0+0+2
III	Immunology Practical	MMLS-B-022	0+0+2

Abbreviations: *L- Lecture, T-Tutorial, P- Practical

Semester III -Medical Microbiology

Semester	Course	Code	Credit (L+T+P)*
III	Medical Virology	MMLS-M-016	3+1+0
III	Medical Mycology	MMLS-M-017	3+1+0
III	Public Health Microbiology	MMLS-M-018	3+1+0
III	Advances in Microbial Informatics	MMLS-M-019	3+1+0
III	Medical Mycology & Virology Practical	MMLS-M-020	0+0+4
III	Public Health Microbiology Practical	MMLS-M-021	0+0+4
III	Clinical Posting	MMLS-M-022	0+0+4

Abbreviations: *L- Lecture, T-Tutorial, P- Practical

Handwritten signatures and initials in blue ink, including names like "Anurag", "Neha", "Manish", "Ajay", "Raj", and "Sudhakar".


Semester III - Haematology and Transfusion Medicine

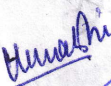
Semester	Course	Code	Credit (L+T+P)*
III	Blood Banking and Immunohematology	MMLS-H-017	4+0+0
III	Transfusion Medicine	MMLS-H-018	4+0+0
III	Molecular Hematology	MMLS-H-019	4+0+0
III	Advanced Haematological Techniques	MMLS-H-020	2+0+0
III	Blood Banking and Immunohematology Practical	MMLS-H-021	0+0+2
III	Transfusion Medicine Practical	MMLS-H-022	0+0+2
III	Molecular Hematology Practical	MMLS-H-023	0+0+2
III	Advanced Haematological Techniques Practical	MMLS-H-024	0+0+2

Abbreviations: *L- Lecture, T-Tutorial, P- Practical

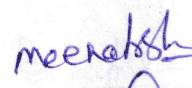
Semester III - Histology and Cytology

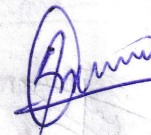
Semester	Course	Code	Credit (L+T+P)*
III	Diagnostic Histopathology	MMLS-C-017	4+0+0
III	Cytological Techniques	MMLS-C-018	4+0+0
III	Immunohistochemistry & Diagnostic Markers	MMLS-C-019	4+0+0
III	Molecular Techniques in Histopathology & Cytology	MMLS-C-020	2+0+0
III	Diagnostic Histopathology Practical	MMLS-C-021	0+0+2
III	Cytological Techniques Practical	MMLS-C-022	0+0+2
III	Immunohistochemistry & Diagnostic Markers Practical	MMLS-C-023	0+0+2
III	Molecular Techniques in Histopathology & Cytology Practical	MMLS-C-024	0+0+2

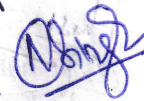

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Abbreviations: *L- Lecture, T-Tutorial, P- Practical

Semester IV -Medical Biochemistry

Semester	Course	Code	Credit (L+T+P)*
IV	Dissertation	MMLS-B-023	-

Semester IV -Medical Microbiology

Semester	Course	Code	Credit (L+T+P)*
IV	Dissertation	MMLS-M-023	-

Semester IV - Haematology and Transfusion Medicine

Semester	Course	Code	Credit (L+T+P)*
IV	Dissertation	MMLS-H-025	-

Semester IV - Histology and Cytology

Semester	Course	Code	Credit (L+T+P)*
IV	Dissertation	MMLS-C-025	-

SUMMARY OF CREDIT SYSTEM
FOR MASTER OF MEDICAL LABORATORY SCIENCE (MMLS)

S. No.	Semester	NO. OF CREDITS
1	I	22
2	II	22
3	III	22
4	IV	22
GRAND TOTAL		86

Credit Details:

Lecture/Tutorial: 1 credit

= 15 hours

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Practical: 1 credit = 30 hours

Clinical Lab posting: 1 credit = 45 hours

Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, Ist Semester
Common for all specializations

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-001	Medical Laboratory Management	4	0	0	4	70	30	-	-	100
2	MMLS-002	Cell and Molecular Biology	4	0	0	4	70	30	-	-	100
3	MMLS-003	Research Methodology & Biostatistics	2	0	0	2	70	30	-	-	100
4	MMLS-004	Advanced Molecular Diagnostic Techniques	4	0	0	4	70	30	-	-	100
5	MMLS-005	Digital Health Technologies	2	0	0	2	70	30	-	-	100
6	MMLS-006	Elective Course [#]	0	0	2	2	-	-	70	30	100
7	MMLS-007	Research Methodology & Biostatistics Practical	0	0	2	2	-	-	70	30	100
8	MMLS-008	Advanced Molecular Diagnostic Techniques Practical	0	0	2	2	-	-	70	30	100
Total			16	0	6	22	350	150	210	90	800

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External, #-Elective Course

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Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IInd Semester
Medical Biochemistry

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-B-009	Bioorganic & Biophysical Chemistry	4	0	0	4	70	30	-	-	100
2	MMLS-B-010	Instrumentation	4	0	0	4	70	30	-	-	100
3	MMLS-B-011	Enzymology & Nutrition	4	0	0	4	70	30	-	-	100
4	MMLS-B-012	Intermediary Metabolism	4	0	0	4	70	30	-	-	100
5	MMLS-B-013	Bioorganic & Biophysical Chemistry Practical	0	0	4	2	70	30	-	-	100
6	MMLS-B-014	Instrumentation Practical	0	0	4	2	-	-	70	30	100
7	MMLS-B-015	Clinical Posting	0	0	4	2	-	-	70	30	100
Total			16	0	12	22	350	150	140	60	700

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External

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Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IInd Semester
Medical Microbiology

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-M-009	Essential and Applied Microbiology	3	1	0	4	70	30	-	-	100
2	MMLS-M-010	Systematic Bacteriology	3	1	0	4	70	30	-	-	100
3	MMLS-M-011	Medical Entomology and Parasitology	3	1	0	4	70	30	-	-	100
4	MMLS-M-012	Immunology and Immunodiagnostics	3	1	0	4	70	30	-	-	100
5	MMLS-M-013	Systematic Bacteriology Practical	0	0	4	2	70	30	-	-	100
6	MMLS-M-014	Medical Entomology and Parasitology Practical	0	0	4	2	-	-	70	30	100
7	MMLS-M-015	Immunology and Immunodiagnostics Practical	0	0	4	2	-	-	70	30	100
Total			12	4	12	22	350	150	140	60	700

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External

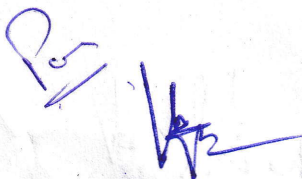
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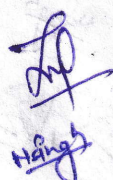

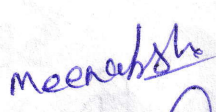
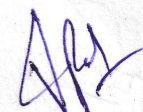
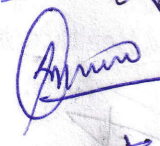
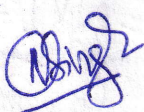
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Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IInd Semester
Haematology and Transfusion Medicine

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-H-009	Haematology and Haematological Disorders	4	0	0	4	70	30	-	-	100
2	MMLS-H-010	Haemostatic Disorders	4	0	0	4	70	30	-	-	100
3	MMLS-H-011	Applied Immunopathology in Haematology	4	0	0	4	70	30	-	-	100
4	MMLS-H-012	Clinical Pathology	2	0	0	2	70	30	-	-	100
5	MMLS-H-013	Haematology and Haematological Disorders Practical	0	0	2	2	70	30	-	-	100
6	MMLS-H-014	Haemostatic Disorders Practical	0	0	2	2	-	-	70	30	100
7	MMLS-H-015	Applied Immunopathology in Haematology Practical	0	0	2	2	-	-	70	30	100
8	MMLS-H-016	Clinical Pathology Practical	0	0	2	2	-	-	70	30	100
Total			14	0	8	22	350	150	210	90	800

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External


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Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IInd Semester
Histology and Cytology

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-C-009	Translational Anatomy and Cell Dynamics	4	0	0	4	70	30	-	-	100
2	MMLS-C-010	Essentials of Histology	4	0	0	4	70	30	-	-	100
3	MMLS-C-011	Essentials of Cytopathology	4	0	0	4	70	30	-	-	100
4	MMLS-C-012	Cancer Epidemiology and Digital Pathology	2	0	0	2	70	30	-	-	100
5	MMLS-C-013	Translational Anatomy and Cell Dynamics Practical	0	0	2	2	70	30	-	-	100
6	MMLS-C-014	Essentials of Histology Practical	0	0	2	2	-	-	70	30	100
7	MMLS-C-015	Essentials of Cytopathology Practical	0	0	2	2	-	-	70	30	100
8	MMLS-C-016	Cancer Epidemiology and Digital Pathology Practical	0	0	2	2	-	-	70	30	100
Total			14	0	8	22	350	150	210	90	800

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External

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Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IIIrd Semester
Medical Biochemistry

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-B-016	Clinical Biochemistry I	4	0	0	4	70	30	-	-	100
2	MMLS-B-017	Clinical Biochemistry II	4	0	0	4	70	30	-	-	100
3	MMLS-B-018	Immunology	4	0	0	4	70	30	-	-	100
4	MMLS-B-019	Endocrinology & Biochemistry of Aging	4	0	0	4	70	30	-	-	100
5	MMLS-B-020	Clinical Biochemistry I Practical	0	0	2	2	70	30	-	-	100
6	MMLS-B-021	Clinical Biochemistry II Practical	0	0	2	2	-	-	70	30	100
7	MMLS-B-022	Immunology Practical	0	0	2	2	-	-	70	30	100
Total			16	0	6	22	350	150	140	60	700

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External

Principal

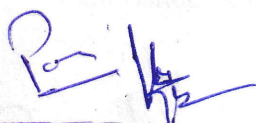
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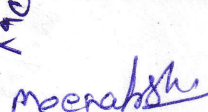
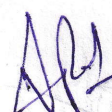
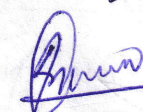

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Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IIIrd Semester
Medical Microbiology

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-M-016	Medical Virology	3	1	0	4	70	30	-	-	100
2	MMLS-M-017	Medical Mycology	3	1	0	4	70	30	-	-	100
3	MMLS-M-018	Public Health Microbiology	3	1	0	4	70	30	-	-	100
4	MMLS-M-019	Advances in Microbial Informatics	3	1	0	4	70	30	-	-	100
5	MMLS-M-020	Medical Mycology & Virology Practical	0	0	4	2	-	-	70	30	100
6	MMLS-M-021	Public Health Microbiology Practical	0	0	4	2	-	-	70	30	100
7	MMLS-M-022	Clinical Posting	0	0	4	2	-	-	70	30	100
Total			12	4	12	22	280	120	210	90	700

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External



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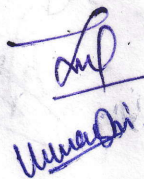
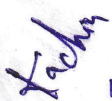
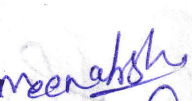
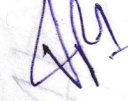
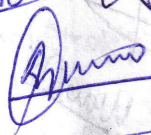

HOD

Asst. Prof

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Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IIIrd Semester
Haematology and Transfusion Medicine

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-H-017	Blood Banking and Immunochemistry	4	0	0	4	70	30	-	-	100
2	MMLS-H-018	Transfusion Medicine	4	0	0	4	70	30	-	-	100
3	MMLS-H-019	Molecular Hematology	4	0	0	4	70	30	-	-	100
4	MMLS-H-020	Advanced Haematological Techniques	2	0	0	2	70	30	-	-	100
5	MMLS-H-021	Blood Banking and Immunochemistry Practical	0	0	2	2	-	-	70	30	100
6	MMLS-H-022	Transfusion Medicine Practical	0	0	2	2	-	-	70	30	100
7	MMLS-H-023	Molecular Hematology Practical	0	0	2	2	-	-	70	30	100
8	MMLS-H-024	Advanced Haematological Techniques Practical	0	0	2	2	-	-	70	30	100
Total			14	0	8	22	280	120	280	120	800

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External


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Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IIIrd Semester
Histology and Cytology

S. No	Subject code	Subject Name	Hours Per Week				Examination Scheme				Grand Total
			L	T	P	C	Theory Marks		Practical Marks		
							UE	CCE	UE	CCE	
1	MMLS-C-017	Diagnostic Histopathology	4	0	0	4	70	30	-	-	100
2	MMLS-C-018	Cytological Techniques	4	0	0	4	70	30	-	-	100
3	MMLS-C-019	Immunohistochemistry & Diagnostic Markers	4	0	0	4	70	30	-	-	100
4	MMLS-C-020	Molecular Techniques in Histopathology & Cytology	2	0	0	2	70	30	-	-	100
5	MMLS-C-021	Diagnostic Histopathology Practical	0	0	2	2	-	-	70	30	100
6	MMLS-C-022	Cytological Techniques Practical	0	0	2	2	-	-	70	30	100
7	MMLS-C-023	Immunohistochemistry & Diagnostic Markers Practical	0	0	2	2	-	-	70	30	100
8	MMLS-C-024	Molecular Techniques in Histopathology & Cytology Practical	0	0	2	2	-	-	70	30	100
Total			14	0	8	22	280	120	280	120	800

Abbreviations: *L- Lecture, T-Tutorial, P- Practical, C- Credit, CCE- Continuous Comprehensive Evaluation, UE- University External

Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IVth Semester
Medical Biochemistry

S. No	Subject code	Subject Name	Credits	Evaluation Scheme		Grand Total
				UE	CCE	
1	BMLS-B-023	Dissertation viva	22	200	100	300
		Dissertation Logbook		200	100	300
Total			22	400	200	600

Abbreviations: CCE- Continuous Comprehensive Evaluation, UE- University External

**Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IVth Semester
Medical Microbiology**

S. No	Subject code	Subject Name	Credits	Evaluation Scheme		Grand Total
				UE	CCE	
1	BMLS-M-023	Dissertation viva	22	200	100	300
		Dissertation Logbook		200	100	
Total			22	400	200	600

Abbreviations: CCE- Continuous Comprehensive Evaluation, UE- University External

**Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IVth Semester
Haematology and Transfusion Medicine**

S. No	Subject code	Subject Name	Credits	Evaluation Scheme		Grand Total
				UE	CCE	
1	BMLS-H-025	Dissertation viva	22	200	100	300
		Dissertation Logbook		200	100	
Total			22	400	200	600

Abbreviations: CCE- Continuous Comprehensive Evaluation, UE- University External

**Distribution of Marks, Teaching Subjects and Examination Evaluation Scheme
Programme: Master of Medical Laboratory Science, IVth Semester
Histology and Cytology**

S. No	Subject code	Subject Name	Credits	Evaluation Scheme		Grand Total
				UE	CCE	
1	BMLS-C-025	Dissertation viva	22	200	100	300
		Dissertation Logbook		200	100	
Total			22	400	200	600

Abbreviations: CCE- Continuous Comprehensive Evaluation, UE- University External

Promotion Criteria to higher semesters:

The eligibility for promotion to the next academic year is subject to securing the minimum academic performance as specified below

- First to second year: a minimum of 70% of the credits at the end of the first year (includes first and second semester)
- Students will be eligible for internship research dissertation only after successful completion of the entire coursework, i.e. 100% credits to be accrued by the end of the third semester.

The student must complete all the coursework requirements within a maximum of double the programme duration. For example, in a 2-year programme, all the academic coursework needs to be completed within 4 years. Failure to do so will result in exit from the programme.

Weightage distribution

Item	Weightage
Formative	
Class participation/presentation	5%
Assignment & quizzes	5%
Sessional exams	20%
Summative	
End-of-Semester University exam	70%
Total	100%

Point grading system (credit value)

Letter grade	A+	A	B	C	D	E	F/I/DT
Credit Value	10	9	8	7	6	5	0

F- Fail, DT-Detained/Attendance shortage, I-Incomplete

Internal Weightage (%)	End Semester Exam Weightage (%)
30	70