

MASTER OF PUBLIC HEALTH (INTEGRATED)
REGULATIONS AND CURRICULUM 2025

For candidates admitted from the academic year 2025-26



FACULTY OF MEDICAL AND HEALTH SCIENCES

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)
Kattakulathur-603203, Chengalpattu,
Tamil Nadu, India.

1. Short Title and Commencement:

These regulations shall be called '**MASTER OF PUBLIC HEALTH (INTEGRATED) Regulations 2025**', in short title **MPH** under SRM Institute of Science and Technology, Kattankulathur, Chengalpattu District, Tamil Nadu. The regulations shall come into force for the candidates admitted from the academic year 2025-2026 onwards.

2. The Program

2.1. The five-year MPH(Integrated) program offered by the School of Public Health spans ten semesters with a total of 240 credits and provides an exit option after each year upon completion of the defined courses at each level with the provision of Multiple Entry and Multiple Exit.

2.2. In the 5th year (IX Semester) student can opt for one of the offered Specialization.

3. Eligibility Criteria for Admission:

3.1. Candidates who have passed **12th grade** with a minimum of 60% of marks in aggregate are eligible to apply for admission to the Five-year MPH(Integrated) Degree program.

3.2. International Candidates must have completed **12 years of formal education** equivalent to the Indian **10+2 system** with a minimum of 60% in their final secondary school examination are eligible.

3.3. The minimum age limit for admission to the course will be 17 years as on 1st July every year.

However, the eligibility criterion is subject to modification, as per the directives of competent authorities.

3.4. Eligibility Criteria for Multiple/Lateral Entry:

Degree	Eligibility	Mode of Admission
UG Certificate in Public Health	12 th grade with a minimum of 60% of marks	Merit-based and entrance test conducted by the institution.
UG Diploma in Public Health	An UG Certificate in Public Health or equivalent with minimum of 44 credits with CGPA of 7 and above	Merit-based lateral entry or bridge courses for related fields.
B.Sc. in Public Health	An UG Diploma in Public Health or equivalent with minimum of 84 credits with CGPA of 7 and above	Merit based and Bridge Courses for related fields
B.Sc. (Honors) in Public Health	B.Sc. in Public Health or equivalent; completion of additional project or internship with minimum of 120 credits with CGPA of 7 and above	Merit based or Bridge courses as required.
MPH (Integrated in Public Health)	B.Sc. (Honors) in Public Health or equivalent; relevant	Merit-based or aptitude test/ interview with Bridge Courses

	undergraduate degrees in allied fields completion of additional project, Research or internship with minimum of 160 credits with CGPA of 7 and above.	
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The students admitted under lateral entry must register and undergo bridge courses prior to the start of the semester. They can exit only with a B.Sc.(Hons) or MPH (Integrated) degree. It is applicable for only lateral entry students.

4. Duration of the Program

4.1. The duration of the program will normally be 10 semesters, spread over five academic years.

Degree	Minimum Duration (in years) (n)	Maximum Duration to Complete the Study (in years) (n+2)
UG Certificate in Public Health	1	3
UG Diploma in Public Health	2	4
B.Sc. in Public Health	3	5
B.Sc. (Honors) in Public Health	4	6
MPH (Integrated) in Public Health	5	7

4.2. Medium of Instruction: English

5. Admission Procedures

5.1. Candidate who seeks admission are required to apply online on SRMIST portal: www.srmist.edu.in

5.2. The applicants will go through a process of selection for admission to the MPH(Integrated) Program. The Department Selection process includes a written aptitude test, and an interview. For international candidates and government nominees, the university reserves the right to make selection on the basis of interview only.

5.3. After a candidate fulfils all requisite admission requirements stipulated for admission, an offer is made for admission.

5.4. Registration and Enrolment: After having cleared the selection process, candidates are enrolled after the submission of required certificates and documents and payment of the prescribed fees. This will be done at the office of the School of Public Health.

6. Exit Procedures: Students who wish to exit the program at any level must inform the department at least six months in advance.

Year of Exit	Degree Awarded	NCrF Level	Credits Requirement
First Year	UG Certificate in Public Health will be awarded when student exits at the end of first year or maximum duration of the course as mentioned in table 4.1	4.5	48
Second Year	UG Diploma in Public Health will be awarded when student exits at the end of second year or maximum duration of the course as mentioned in table 4.1	5	96
Third Year	B.Sc. in Public Health will be awarded on successful completion of three years or maximum duration of the course as mentioned in table 4.1	5.5	144
Fourth Year	B.Sc. in Public Health (Honors) will be awarded on successful completion of four years or maximum duration of the course as mentioned in table 4.1	6	192
Fifth Year	Master of Public Health (Integrated) will be awarded on successful completion of five years or maximum duration of the course as mentioned in table 4.1	6.5	240

7. Readmission Procedures

A Candidate who seeks re-admission to the program after break of study has to get the approval from the university. No condonation is allowed for the candidate who has more than 2 years of break up period and he/she has to re-join the program by paying the required fees.

8. Commencement of Program

The program commences during the third week of July every academic year.

9. Structure of the Program

- 9.1. Working Days: There will be a minimum of 90 working days per semester
- 9.2. Faculty Mentor: Each student is affiliated to a faculty mentor for support in all academic matters
- 9.3. In the 5th year (IX semester), the students will opt for any one of the specializations offered by the School of Public Health. A specialization will be offered only if a minimum of 10 students opts for it. The specializations currently offered are:

1. **Health Project Management**
2. **Health Research**
3. **Epidemiology**
4. **Health Economics**
5. **Health Communication**
6. **Environmental Health**

- 9.4. During specialization, the students are required to identify a topic of their interest and make an in- depth study of the topic and submit a dissertation.
- 9.5. In the X semester, the students will identify a few relevant organizations where they would like to do internship. Their mentors will communicate with the organizations identified by the students and if an organization agrees, the student will be allowed to join the organizations for an internship for 4 months. During the internship, the students will get involved in day-to-day functioning of the organization and get hands on experience of working on some project related to public health. Students will submit brief report of their internship work signed by external guide every month. Upon return, the candidates will prepare a detailed report describing the organization and their work experience and make a presentation of the project they were involved in. The presentation will be followed by a viva voce. An Evaluation Committee of the School consisting of minimum one external and one internal faculty member would evaluate the candidates based on their presentation, internship reports and viva voce.
- 9.6. Bridge Courses: Duration: 4–6 weeks, conducted prior to the start of the semester.
Credits: Non-credit or credit-bearing based on program requirements (typically 2–4 credits).
Mode of Delivery: Hybrid (combination of in-person and online learning).
Bridge courses offered: Bridge courses will be recommended by the School of Public Health based on the student's level of entry and specific academic or professional requirements.

11. List of Courses

Course Code	Name of Course	L	T	P	C
PH25101T	Introduction to Public Health	4	0	0	4
PH25102T	Basic Epidemiology-I	5	0	0	5
PH25103T	Basic Biostatistics-I	4	1	0	5
PHAF25101T/ PHAH25101T	French for Specific Purpose-I (or) Applied Hindi- I	2	0	0	2
PHS25101T	English-I	4	0	0	4
PHS25102P	Computer Applications-I*	0	1	6	4
PH25201T	Public Health Challenges	4	0	0	4
PH25202T	Basic Epidemiology-II	4	1	0	5
PH25203T	Basic Biostatistics-II	4	1	0	5
PHAF25201T/ PHAH25201T	French for Specific Purpose-II (or) Applied Hindi- II	2	0	0	2
PHS25201T	English-II	4	0	0	4
PHS25202P	Computer Applications-II*	0	1	6	4
PH25301T	Determinants of Health	5	0	0	5
PH25302T	Basic Epidemiology-III	4	1	0	5
PH25303T	Basic Biostatistics-III	4	1	0	5
PHS25301P	Computer Applications-III*	0	1	8	5
PHS25302T	Communication Skills-I*	3	1	0	4
PH25401T	Maternal and Child Health	5	0	0	5
PH25402T	Public Health Nutrition	5	0	0	5
PH25403T	Environmental Health	5	0	0	5
PHS25401P	Statistical Software-I*	1	1	6	5
PHS25402T	Communication Skills-II*	3	1	0	4
PHV25401T	Life skills*	0	0	0	0
PH25501T	Introduction to Infectious Diseases	5	0	0	5
PH25502T	Introduction to Noncommunicable Diseases	5	0	0	5
PH25503T	Fundamentals of Health Research	4	1	0	5
PH25504T	Public Health Informatics	4	1	0	5
PHS25501P	Statistical Software-II*	0	1	6	4
PHV25501T	Universal Human Values*	0	0	0	0
PH25601T	Demography	4	1	0	5
PH25602T	Healthcare Delivery Systems	5	0	0	5
PH25603T	Global Health	4	0	0	4
PH25604T	Ethics in Health	4	0	0	4
PHS25601P	Capstone Project*	0	1	10	6
PHV25601P	Interview Skills & CV Writing*	0	0	0	0
PHS25603P	Project (For students opting exit- for award of BSc-Public Health)*	0	0	8	4
PH25701T	Scope of Public Health	4	0	0	4
PH25702T	Epidemiology	4	1	0	5
PH25703T	Biostatistics	4	1	0	5
PH25704T	RMNCH+A	5	0	0	5

Course Code	Name of Course	L	T	P	C
PH25705T	Research Methodology	4	1	0	5
PHS25801P	Internship (For students opting exit- for award of BSc-Public Health (Honors))	0	0	48	24
PHS25802P	Data Analytics*	0	1	8	5
PHS25803P	Research Protocol*	0	1	8	5
PH25801T	Systematic Review & Meta-Analysis	4	1	0	5
PH25802T	Public Health Policy and Systems	5	0	0	5
PH25803T	Management of Public Health Programs	4	0	0	4
Specialization: Health Project Management					
PHS25901T	Project Planning, Implementation, Monitoring and Evaluation	3	1	0	4
PH25901T	Strategic Management in Public Health	3	1	0	4
PH25902T	Quality Management in Public Health	3	1	0	4
PH25903T	Health Management Information System	3	1	0	4
PHS25902P	Project Proposal Writing*	0	0	8	4
PHS25903P	Dissertation*	0	0	8	4
Specialization: Health Research					
PH25904T	Survey Research Methods	3	1	0	4
PH25905T	Qualitative Research Methods	3	1	0	4
PH25906T	Health Policy and Systems Research	3	1	0	4
PHS25904T	Secondary data analysis and Impact Evaluation	3	1	0	4
PHS25905T	Fundamentals of Evidence Synthesis and Scientific Writing*	3	1	0	4
PHS25903P	Dissertation*	0	0	8	4
Specialization: Epidemiology					
PH25907T	Epidemiology of Infectious and Noncommunicable Diseases	3	1	0	4
PH25908T	Epidemiological Methods	3	1	0	4
PHS25906T	Applied & Field Epidemiology	3	1	0	4
PHS25907T	Clinical Trials	3	1	0	4
PHS25908P	Statistical Methods in Epidemiology*	0	0	8	4
PHS25903P	Dissertation*	0	0	8	4
Specialization: Health Economics					
PH25909T	Healthcare Financing	3	1	0	4
PHS25909T	Application of economics in monitoring and evaluation	3	1	0	4
PHS25910P	Software for health economics analysis*	0	0	8	4
PHS25911T	Regression Analysis in Health Economics	3	1	0	4
PHS25912T	Big Data Analysis	3	1	0	4
PHS25903P	Dissertation*	0	0	8	4
Specialization: Health Communication					
PH25910T	Introduction to Health Communication	4	0	0	4
PH25911T	Strategic Communication	3	1	0	4
PH25912T	Social media in healthcare	3	1	0	4
PHS25913T	Designing health campaigns	3	1	0	4

Course Code	Name of Course	L	T	P	C
PHS25914T	Soft skills in effective communication*	3	1	0	4
PHS25903P	Dissertation*	0	0	8	4
Specialization: Environmental Health					
PH25913T	Emergencies and disaster dimensions	4	0	0	4
PH25914T	Epidemic and Pandemic Preparedness and Response	3	1	0	4
PH25915T	Health Emergencies and Disaster management	3	1	0	4
PHS25915T	Environmental health risk assessment	3	1	0	4
PHS25916P	Geospatial technologies in environmental health*	1	1	4	4
PHS25903P	Dissertation*	0	0	8	4
PHS251001P	Internship	0	0	48	24
	Total Learning Credits				240

12. Discipline

Every student is required to maintain discipline and decorum inside and outside the University campus and to not indulge in any activity that may tarnish the reputation of the University

13. Attendance

A minimum of 75% attendance is required in each module to appear in examinations. A student who has an attendance lower than 75% will not be permitted to sit for the university examination.

14. Condonation of Shortage of Attendance

Condonation of shortage of attendance up to a maximum of 10% in the prescribed eligible attendance rests with the discretionary power of the Vice Chancellor.

In there is a valid reason, such as medical emergency or a catastrophe, a candidate short of the required attendance may apply in the prescribed form 15 days prior to the commencement of the examination. If the Heads of the Institution is satisfied with the reason, she/ he may consider forwarding the application to the Controller of Examination, who may consider obtaining the Vice-Chancellor's approval for admission of candidates to the University Examination.

15. Assessment Procedure – Tests and Examinations

The Integrated PG program follows modular teaching. For theory courses the assessment would be based on 50% internal assessment and 50% University examination.

Learning assessment weightage:

The learning assessment weightage in percentages for every **theory course** is provided for each course in the respective course syllabus, and follows the below template:

Level	Blooms Levels of Thinking	Continuous Learning Assessment (50% Weightage)				Final Examination (50% Weightage)	
		CLA-1 (25%)		CLA-2 (25%)			
		Theory	Practice	Theory	Practice	Theory	Practice
1	Remember	%	%	%	%	%	%
2	Understand						

3	Apply	%	%	%	%	%	%
4	Analyze						
5	Evaluate	%	%	%	%	%	%
6	Create						
	Total	100%		100%		100%	

Note: For a Pure Theory Course, the Practice Part would be zero and similarly for a Pure Practice Course, the theory part would be appropriately zero.

S.No	Internal Assessment Tool	Marks (50)
IA 1	Class Participation/Written test/ Assignments/ Presentations	25*
IA 2	Class Participation/ Written test/Assignments/ Presentations	25*
	Total	50

*Test – 15 marks, Assignments/Presentation – 5 marks, Class Participation – 5 marks

The assessment method for **fully internal courses** is provided in each course in the respective course syllabus, and follows the below template

Level	Blooms Levels of Thinking	Continuous Learning Assessment (100% Weightage)					
		CLA-1 (20%)		CLA-2 (30%)		CLA-3 (50%)	
		Theory	Practice	Theory	Practice	Theory	Practice
1	Remember	%	%	%	%	%	%
2	Understand						
3	Apply	%	%	%	%	%	%
4	Analyse						
5	Evaluate	%	%	%	%	%	%
6	Create						
	Total	100%		100%		100%	

16. End of Semester Examination

- University examinations are conducted at the end of each semester.
- Eligibility for appearing in semester exam includes a minimum of 75% attendance and 50% marks in internal exams in all the courses.
- Theory:** There will be one end semester examination of 3 hours' duration in each lecture- based Course/ module. The Semester exams are normally held in the following months of every Academic year.

Odd Semester Exams	Even Semester Exams
November/December	May/June

- Practical:** Fieldwork, preparation of report and dissertation, and presentations are considered practical for credit calculations.

17. End of Semester Exam Pattern

The questions paper will uniformly cover all units of the subject as per curriculum.

17.1. Question Paper Pattern

Degree:
Program:
Course code:
Course Title:

Regulation:
Semester:
Max Duration: 3 Hours
Max Marks: 100 Marks

S.NO.	PART -A (6 X 10 = 60 Marks) Answer any SIX questions	BL	CLO	PLO	Marks
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					

S.NO.	PART -B (2 X 20 = 40 Marks) Answer any Two questions	BL	CO	PLO	Marks
9					
10					
11					

17.2. Question Paper Setter – Checklist

DEGREE/BRANCH:

MAX HOURS:

	Q. No.	Marks	Course Learning Outcomes (CLO)					Bloom's Thinking Levels (Put Tick“✓”)						Program Learning Outcomes (PLO) (Put Tick✓on all correlating PLO's)																				
			1	2	3	4	5	1 (30%)	2 (40%)	3 (30%)	1	2	3	4	5	6	7	8	9	10	11	12												
			CLO-1	CLO-2	CLO-3	CLO-4	CLO-5	REMEMBER UNDERSTAND	APPLY ANALYSE	EVALUATE CREATE	Fundamental Knowledge	Application of Concepts	Link with Related	Procedural Knowledge	Skills in Specialization	Ability to Utilize	Skills in Modeling	Analyze, Interpret Data	Investigative Skills	Problem Solving Skills	Communication Skills	Analytical Skills												
PART-A (Any six Questions)	1	10																																
	2	10																																
	3	10																																
	4	10																																
	5	10																																
	6	10																																
	7	10																																
	8	10																																
PART-B (Any Two Questions)	9	20																																
	10	20																																
	11	20																																
Mark Distribution across Bloom's Level:								%	%	%																								

COURSE CODE:

MAX MARKS:

COURSE TITLE:

NAME OF THE QUESTION

PAPER SETTER:

SIGNATURE:

17.3. Question Paper-External Auditor - Checklist

DEGREE/BRANCH:
 COURSE CODE:
 COURSE TITLE:

Max Hours:
 Max Marks:

	Q. NO	MARKS	GENERAL ATTRIBUTES (Put Tick"✓")					QUALITY ATTRIBUTES (Put Tick"✓")						SPECIFIC COMMENTS
			1	2	3	4	5	1	2	3	4	5	6	
PART-A (Any Six Questions)			Within Prescribed	Mark Allocation	Matches with	Action Verb	Task is Achievable	Critical Thinking	Problem Solving	Analytical	Scientific	Reflective Thinking	Design Thinking	
	1	10												
	2	10												
	3	10												
	4	10												
	5	10												
	6	10												
	7	10												
	8	10												
PART-B (Any two Questions)	9	20												
	10	20												
	11	20												

Name of the Scrutiny Member:

Signature:

18. Evaluation Method:

18.1. **Answer Sheet Evaluation:** Single Evaluation

18.2. The theory answer scripts are evaluated by an examiner who shall be internal or external from any recognized university other than SRMIST

19. Semester-wise Distribution of Marks

To pass in any course it is mandatory that a student should get 50 % marks in the end semester examination and 50% marks, overall, in the internal assessment and end semester marks put together.

Internal assessment	University Examination		Total (IA + 50% weightage of university Examination)	
50	Min	Max	Min	Max
	25	50	50	100

Marks Distribution Table:

marks Distribution Table:

Course Code	Name of Course	Internal Assessment	University Examination		Total	
			Min	Max	Min	Max
Semester I						
PH25101T	Introduction to Public Health	50	25	50	50	100
PH25102T	Basic Epidemiology-I	50	25	50	50	100
PH25103T	Basic Biostatistics-I	50	25	50	50	100
PHAF25101T/ PHAH25101T	French for Specific Purpose-I (or) Applied Hindi- I	50	25	50	50	100
PHS25101T	English-I	50	25	50	50	100
PHS25102P	Computer Applications-I*	100	-	-	50	100
Semester II						
PH25201T	Public Health Challenges	50	25	50	50	100
PH25202T	Basic Epidemiology-II	50	25	50	50	100
PH25203T	Basic Biostatistics-II	50	25	50	50	100
PHAF25201T/ PHAH25201T	French for Specific Purpose-II (or) Applied Hindi- II	50	25	50	50	100
PHS25201T	English-II	50	25	50	50	100
PHS25202P	Computer Applications-II*	100	-	-	50	100
Semester III						
PH25301T	Determinants of Health	50	25	50	50	100
PH25302T	Basic Epidemiology-III	50	25	50	50	100
PH25303T	Basic Biostatistics-III	50	25	50	50	100
PHS25301P	Computer Applications-III*	100	-	-	50	100
PHS25302T	Communication Skills-I*	100	-	-	50	100
Semester IV						
PH25401T	Maternal and Child Health	50	25	50	50	100
PH25402T	Public Health Nutrition	50	25	50	50	100
PH25403T	Environmental Health	50	25	50	50	100
PHS25401P	Statistical Software-I*	100	-	-	50	100
PHS25402T	Communication Skills-II*	100	-	-	50	100
PHV25401T	Life skills*	100	-	-	50	100

Semester V						
PH25501T	Introduction to Infectious Diseases	50	25	50	50	100
PH25502T	Introduction to Noncommunicable Diseases	50	25	50	50	100
PH25503T	Fundamentals of Health Research	50	25	50	50	100
PH25504T	Public Health Informatics	50	25	50	50	100
PHS25501P	Statistical Software-II*	100	-	-	50	100
PHV25501T	Universal Human Values*	100	-	-	50	100
Semester VI						
PH25601T	Demography	50	25	50	50	100
PH25602T	Healthcare Delivery Systems	50	25	50	50	100
PH25603T	Global Health	50	25	50	50	100
PH25604T	Ethics in Health	50	25	50	50	100
PHS25601P	Capstone Project*	100	-	-	50	100
PHV25601P	Interview Skills & CV Writing*	100	-	-	50	100
PHS25603P	Project (For students opting exit-B.Sc.Public Health)	50	25	50	50	100
Semester VII						
PH25701T	Scope of Public Health	50	25	50	50	100
PH25702T	Epidemiology	50	25	50	50	100
PH25703T	Biostatistics	50	25	50	50	100
PH25704T	RMNCH+A	50	25	50	50	100
PH25705T	Research Methodology	50	25	50	50	100
Semester VIII						
PHS25801P	Internship (For students opting Exit- B.Sc. Public Health (Honors))	50	25	50	50	100
PHS25802P	Data Analytics*	100	-	-	50	100
PHS25803P	Research Protocol*	100	-	-	50	100
PH25801T	Systematic Review & Meta-Analysis	50	25	50	50	100
PH25802T	Public Health Policy and Systems	50	25	50	50	100
PH25803T	Management of Public Health Programs	50	25	50	50	100
Semester IX						
Specialization: Health Project Management						
PHS25901T	Project Planning, Implementation, Monitoring and Evaluation	50	25	50	50	100
PH25901T	Strategic Management in Public Health	50	25	50	50	100
PH25902T	Quality Management in Public Health	50	25	50	50	100
PH25903T	Health Management Information System	50	25	50	50	100
PHS25902P	Project Proposal Writing*	100	-	-	50	100
PHS25903P	Dissertation*	100	-	-	50	100
Specialization: Health Research						
PH25904T	Survey Research Methods	50	25	50	50	100
PH25905T	Qualitative Research Methods	50	25	50	50	100
PH25906T	Health Policy and Systems Research	50	25	50	50	100
PHS25904T	Secondary data analysis and Impact Evaluation	50	25	50	50	100

PHS25905T	Fundamentals of Evidence Synthesis and Scientific Writing*	100	-	-	50	100
PHS25903P	Dissertation*	100	-	-	50	100
Specialization: Epidemiology						
PH25907T	Epidemiology of Infectious and Noncommunicable Diseases	50	25	50	50	100
PH25908T	Epidemiological Methods	50	25	50	50	100
PHS25906T	Applied & Field Epidemiology	50	25	50	50	100
PHS25907P	Clinical Trials	50	25	50	50	100
PHS25908P	Statistical Methods in Epidemiology*	100	-	-	50	100
PHS25903P	Dissertation*	100	-	-	50	100
Specialization: Health Economics						
PH25909T	Healthcare Financing	50	25	50	50	100
PHS25909T	Application of economics in monitoring and evaluation	50	25	50	50	100
PHS25910P	Software for health economics analysis*	100	-	-	50	100
PHS25911T	Regression Analysis in Health Economics	50	25	50	50	100
PHS25912T	Big Data Analysis	50	25	50	50	100
PHS25903P	Dissertation*	100	-	-	50	100
Specialization: Health Communication						
PH25910T	Introduction to Health Communication	50	25	50	50	100
PH25911T	Strategic Communication	50	25	50	50	100
PH25912T	Social media in healthcare	50	25	50	50	100
PHS25913T	Designing health campaigns	50	25	50	50	100
PHS25914T	Soft skills in effective communication*	100	-	-	50	100
PHS25903P	Dissertation*	100	-	-	50	100
Specialization: Environmental Health						
PH25913T	Emergencies and disaster dimensions	50	25	50	50	100
PH25914T	Epidemic and Pandemic Preparedness and Response	50	25	50	50	100
PH25915T	Health Emergencies and Disaster management	50	25	50	50	100
PHS25915T	Environmental health risk assessment	50	25	50	50	100
PHS25916P	Geospatial technologies in environmental health*	100	-	-	50	100
PHS25903P	Dissertation*	100	-	-	50	100
Semester X						
PHS251001P	Internship	50	25	50	50	100

* **Fully Internal courses.** End semester examination shall be conducted by the department and marks shall be submitted to the University.

20. Promotion criteria

20.1. General Promotion Criteria:

a) Students are permitted to progress from one academic year to the next until the end of the 3rd year, irrespective of any arrears in subjects from previous semesters.

b) To be promoted to the 4th year, students must have successfully cleared all arrear subjects till 3rd year.

20.2. Promotion to the Final Year (5th Year):

a) To be promoted to the 5th year (Final Year), students must have cleared all previous subjects till 4th year.

b) Arrears from the 7th semester can be carried forward to the 8th semester.

c) Arrears from the 9th semester can be carried forward to the final (10th) semester.

20.3. The student should have registered for the previous semester examinations and attended at least one of the semester Examinations conducted by the University.

20.4. In case the student does not meet the above requirements he/she shall follow the re-admission procedure of the university

21. Dissertation:

Students will prepare a dissertation (in-depth study) on a topic of their interest during specialization module in the IX semester. One hard bound and soft copy of the dissertation report duly signed by the mentors will be submitted. Marks will be awarded by their respective mentors on the submitted report.

22. Internship:

- Internship shall be carried out during the X semester of the course under the supervision of the mentor. In addition, one supervisor/guide from the field organization / Institution would be the external guide.
- Internship shall be pursued for a minimum of four months.
- Successful completion of the Internship will determine the completion of the X semester.
- After completion of internship, the students would return to the school and make a presentation of their internship. This will be followed by a viva voce and submission of a consolidated report.

23. Internship Marks Allocation

The assessment method for the Internship is given below:

Learning Assessment						
Internship	Continuous Learning Assessment (50% weightage)					Final Evaluation (50% Weightage)
	Review 1	Review 2	Review 3	Review 4	Internship Report	Viva-Voce
	10%	10%	10%	10%	10%	50%

S.No	Assessment Tool	Marks (100)
1	Internship monthly progress reports (4 months x 10)	40
2	Internship Report	10
3	Internship Presentation & viva	50
	Total	100

- The deadline for submission of final project / Internship report would be communicated before leaving for the field work.
- If a candidate fails to submit the project report / Internship report on or before the specified deadline, he / she is deemed to have failed in the project work /internship and shall re-enroll for the same in a subsequent semester after obtaining permission from the Dean, SPH, SRMIST.

24. Grading of Students

Letter Grades and Grade Points (GP) are earned by the student for each course based on the aggregate of marks obtained through internal assessments and end semester final examination. The letter grades and the corresponding grade points as recommended by UGC, are as follows.

Letter Grade	Grade Points	Range of Total Marks
0 (Outstanding)	10	91 to 100
A+ (Excellent)	9	81 to 90
A (Very Good)	8	71 to 80
B+ (Good)	7	61 to 70
B (Above average)	6	56 to 60
C (Average)	5	50 to 55
F (Fail)	0	<50 Failure due to insufficient marks in the course
Ab (Absent)	0	Failure due to non-appearance in examination

- c. A student is considered to have successfully completed a course and earned the credits if he/she secures a letter grade other than 'F' or 'Ab' in that course. A letter grade 'F' or 'Ab' in any course implies a failure to have completed the course.

- d. A course successfully completed cannot be repeated.

25. Grade Card

- 25.1. The grade card issued by the Controller of Examinations to each student, after the announcement of the result will contain the following:
- The credits for each course registered for that semester.
 - The letter grade obtained in each course
 - The total number of credits earned by the student up to the end of the semester in each of the course categories
 - The Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA) of all the courses taken from the I semester onwards.
- 25.2. Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)
- 25.2.1. SGPA will be calculated according to the formula:

$$\frac{\sum_i^n C_i (GP)_i}{\sum_i^n C_i}$$

Where C_i = credit for the i^{th} course, $(GP)_i$ = the grade point obtained for the i^{th} course n = total number of courses and the sum is over all the courses taken in that semester, including those in which the student has secured F grades.

- 25.2.2. CGPA (Cumulative Grade Point Average) is calculated using:

$$CGPA = \frac{\sum_1^r S_i (SGPA)_i}{\sum_1^r S_i}$$

Where S_i = sum of credit in i^{th} semester, $(SGPA)_i$ = semester Grade Point Average earned i^{th} semester and r = number of semesters and the sum is over all the semesters under consideration.

- 25.3. The SGPA and CGPA shall be rounded off 2 decimal points and reported in the transcripts.
- 25.4. Class/Distinction will be awarded to the students after they successfully complete the Program as per the norms stipulated in the following table:

UG Certificate in Public Health		
Category	CGPA (From I- II Semesters)	Class/ Distinction
Students who successfully completed the UG Certificate in Public Health within the time duration of II semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & < 7.5	First Class
	≥ 7.5 & ≤ 10.0 (without F or temporary withdrawal in any semester)	First Class with Distinction
	≥ 7.5 & ≤ 10.0 (with F in any semester but obtained pass grade (O to C) subsequently)	First Class
Students who cannot complete the UG Certificate in Public Health within the time duration of II semesters but complete it successfully within III semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class
Students who cannot complete the UG Certificate in Public Health within the time duration of II semesters but complete it successfully within the maximum duration	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class

UG Diploma in Public Health		
Category	CGPA (From I- IV Semesters)	Class/ Distinction
Students who successfully completed the UG Diploma in Public Health within the time duration of IV semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & < 7.5	First Class
	≥ 7.5 & ≤ 10.0 (without F or temporary withdrawal in any semester)	First Class with Distinction
	≥ 7.5 & ≤ 10.0 (with F in any semester but obtained pass grade (O to C) subsequently)	First Class
Students who cannot complete the UG Diploma in Public Health within the time duration of IV semesters but complete it successfully within V semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class

Students who cannot complete the Diploma in Public Health within the time duration of IV semesters but complete it successfully within the maximum duration	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class

B.Sc. in Public Health		
Category	CGPA (From I- VI Semesters)	Class/ Distinction
Students who successfully completed the B.Sc. in Public Health within the time duration of VI semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & < 7.5	First Class
	≥ 7.5 & ≤ 10.0 (without F or temporary withdrawal in any semester)	First Class with Distinction
	≥ 7.5 & ≤ 10.0 (with F in any semester but obtained pass grade (O to C) subsequently)	First Class
Students who cannot complete the B.Sc. in Public Health in VI semesters but complete it successfully within VII semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class
Students who cannot complete the B.Sc. in Public Health in VI semesters but complete it successfully within the maximum duration	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class

B.Sc. (Honors) in Public Health		
Category	CGPA (From I- VIII Semesters)	Class/ Distinction
Students who successfully completed the B.Sc.(Honors) in Public Health within the time duration of VIII semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & < 7.5	First Class
	≥ 7.5 & ≤ 10.0 (without F or temporary withdrawal in any semester)	First Class with Distinction
	≥ 7.5 & ≤ 10.0 (with F in any semester but obtained pass grade (O to C) subsequently)	First Class
Students who cannot complete the B.Sc. (Honors) in Public Health in VIII semesters but complete it successfully within IX semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class
Students who cannot complete the B.Sc. (Honors) in Public Health in VIII semesters but complete it successfully within the maximum duration	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class

MPH (Integrated) in Public Health		
Category	CGPA (From I- X Semesters)	Class/ Distinction
Students who successfully completed the Five Year MPH (Integrated) in Public Health within the time duration of X semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & < 7.5	First Class
	≥ 7.5 & ≤ 10.0 (without F or temporary withdrawal in any semester)	First Class with Distinction
	≥ 7.5 & ≤ 10.0 (with F in any semester but obtained pass grade (O to C) subsequently)	First Class
Students who cannot complete the Five Year MPH (Integrated) in Public Health within the time duration of X semesters but complete it successfully within XI semesters	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class
Students who cannot complete the Five Year MPH (Integrated) in Public Health within the time duration of X semesters but complete it successfully within the maximum duration	≥ 5.0 & < 6.0	Second Class
	≥ 6.0 & ≤ 10.0	First Class

26. Re-evaluation of Answer Scripts

Re-evaluation of answer scripts will be allowed as per university regulations.

27. Change of Regulations

Any regulation can be modified by the Academic Council of SRM Institute of Science and Technology once in every 3 years

**ACADEMIC CURRICULA
MPH (INTEGRATED) PROGRAMME**

**UG Certificate in Public Health One Year/
UG Diploma in Public Health Two Years/
B.Sc. in Public Health Three Years/
B.Sc. in Public Health (Honors) Four Years/
Master of Public Health Five Years**

Learning Outcome Based Education (LOCF)

Choice Based Flexible Credit System Academic Year 2025 – 2026



FACULTY OF MEDICAL AND HEALTH SCIENCES

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)
Kattankulathur- 603203, Chengalpattu District,
Tamil Nadu, India

1. Department Vision Statement

Stmnt - 1	Leadership for equitable, sustainable and holistic health
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2. Department Mission Statement

Stmnt - 1	Create thought leaders and change makers for public health
Stmnt - 2	Design appropriate holistic and sustainable programs
Stmnt - 3	Converge multi-disciplinary efforts to make a difference
Stmnt - 4	Be guided by the values of LEAPS (Leadership, Ethics, Accountability, Perseverance and Sensitivity)

3. Program Education Objectives (PEO)

PEO - 1	Development in chosen profession and or progress towards an advance degree
PEO - 2	The trust and respect of other public health professionals as effective and ethical members
PEO - 3	A reputation as a source of innovative public health solutions to complex public health issues
PEO - 4	The core competencies will lead to achieve zero harm in any disasters
PEO - 5	To conceptualize design, conduct and analyses public health Research/ data

4. Consistency of PEO's with Mission of the Department

	Mission Stmnt. - 1	Mission Stmnt. - 2	Mission Stmnt. - 3	Mission Stmnt. - 4
PEO - 1	3	3	3	3
PEO - 2	3	3	3	3
PEO - 3	3	3	3	3
PEO - 4	3	3	3	3
PEO - 5	3	3	3	3

3 – High Correlation, 2 – Medium Correlation, 1 – Low Correlation

5. Consistency of PEO's with Program Learning Outcomes (PO)

	Program Learning Outcomes (PO)											
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	Disciplinary Knowledge	Problem Analysis	Design & Development	Analysis, Design, Research	Modern Tool Usage	Society & Culture	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning
PEO - 1	3	2	2	3	2	2	2	2	2	2	2	3
PEO - 2	2	2	1	2	1	3	2	3	3	3	2	2
PEO - 3	3	3	3	3	3	2	3	2	2	2	3	3
PEO - 4	2	3	3	3	3	3	3	3	3	3	2	3
PEO - 5	3	3	3	3	3	3	2	2	2	2	3	3

3 – High Correlation, 2 – Medium Correlation, 1 – Low Correlation

6. Programme Structure (Total Credits: 240 Credits)

1. Professional Core Courses (C)					
Course Code	Course Title	Hours/ Week			
		L	T	P	C
PH25101T	Introduction to Public Health	4	0	0	4
PH25102T	Basic Epidemiology-I	5	0	0	5
PH25103T	Basic Biostatistics-I	4	1	0	5
PH25201T	Public Health Challenges	4	0	0	4
PH25202T	Basic Epidemiology-II	4	1	0	5
PH25203T	Basic Biostatistics-II	4	1	0	5
PH25301T	Determinants of Health	5	0	0	5
PH25302T	Basic Epidemiology-III	4	1	0	5
PH25303T	Basic Biostatistics-III	4	1	0	5
PH25401T	Maternal and Child Health	5	0	0	5
PH25402T	Public Health Nutrition	5	0	0	5
PH25403T	Environmental Health	5	0	0	5
PH25501T	Introduction to Infectious Diseases	5	0	0	5
PH25502T	Introduction to Noncommunicable Diseases	5	0	0	5
PH25503T	Fundamentals of Health Research	4	1	0	5
PH25504T	Public Health Informatics	4	1	0	5
PH25601T	Demography	4	1	0	5
PH25602T	Healthcare Delivery Systems	5	0	0	5
PH25603T	Global Health	4	0	0	4
PH25604T	Ethics in Health	4	0	0	4
PH25701T	Scope of Public Health	4	0	0	4
PH25702T	Epidemiology	4	1	0	5
PH25703T	Biostatistics	4	1	0	5
PH25704T	RMNCH+A	5	0	0	5
PH25705T	Research Methodology	4	1	0	5
PH25801T	Systematic Review & Meta-Analysis	4	1	0	5
PH25801T	Public Health Policy and Systems	5	0	0	5
PH25801T	Management of Public Health Programs	4	0	0	4
Total Learning Credits		134			

2. Professional Elective Courses (PEC)					
Course Code	Course Title	Hours/ Week			
		L	T	P	C
PH25901T	Strategic Management in Public Health	3	1	0	4
PH25902T	Quality Management in Public Health	3	1	0	4
PH25903T	Health Management Information System	3	1	0	4
PH25904T	Survey Research Methods	3	1	0	4
PH25905T	Qualitative Research Methods	3	1	0	4
PH25906T	Health Policy and Systems Research	3	1	0	4
PH25907T	Epidemiology of Infectious and Noncommunicable Diseases	3	1	0	4
PH25908T	Epidemiological Methods	3	1	0	4
PH25909T	Healthcare Financing	3	1	0	4
PH25910T	Introduction to Health Communication	4	0	0	4
PH25911T	Strategic Communication	3	1	0	4
PH25912T	Social media in healthcare	3	1	0	4
PH25913T	Emergencies and disaster dimensions	4	0	0	4
PH25914T	Epidemic and Pandemic Preparedness and Response	3	1	0	4
PH25915T	Health Emergencies and Disaster management	3	1	0	4
Total Learning Credits		60			

3. General Elective Ability Enhancement Course (AEC)					
Course Code	Course Title	Hours/ Week			
		L	T	P	C
PHAF25101T	French for Specific Purpose-I	2	0	0	2
PHAH25101T	Applied Hindi- I	2	0	0	2
PHAF25201T	French for Specific Purpose-II	2	0	0	2
PHAH25201T	Applied Hindi- II	2	0	0	2
PHAF25101T	French for Specific Purpose-I	2	0	0	2
PHAH25101T	Applied Hindi- I	2	0	0	2
Total Learning Credits		8			

4. Skill Enhancement Courses (SEC)					
Course Code	Course Title	Hours/ Week			
		L	T	P	C
PHS25101T	English-I	4	0	0	4
PHS25102P	Computer Applications-I*	0	1	6	4
PHS25201T	English-II	4	0	0	4
PHS25202P	Computer Applications-II*	0	1	6	4
PHS25301P	Computer Applications-III*	0	1	8	5
PHS25302T	Communication Skills-I*	3	1	0	4
PHS25401P	Statistical Software-I*	1	1	6	5
PHS25402T	Communication Skills-II*	3	1	0	4
PHS25501P	Statistical Software-II*	0	1	6	4
PHS25601P	Capstone Project*	0	0	12	6
PHS25802P	Data Analytics*	0	1	8	5
PHS25803P	Research Protocol*	0	1	8	5
Total Learning Credits					54

5. Professional Elective Skill Enhancement Courses (PESEC)					
Course Code	Course Title	Hours/ Week			
		L	T	P	C
PHS25901T	Project Planning, Implementation, Monitoring and Evaluation	3	1	0	4
PHS25902P	Project Proposal Writing*	0	0	8	4
PHS25903P	Dissertation*	0	0	8	4
PHS25904T	Secondary data analysis and Impact Evaluation	3	1	0	4
PHS25905T	Fundamentals of Evidence Synthesis and Scientific Writing*	3	1	0	4
PHS25906T	Applied & Field Epidemiology	3	1	0	4
PHS25907P	Clinical Trials	3	1	0	4
PHS25908P	Statistical Methods in Epidemiology*	0	0	8	4
PHS25909T	Application of economics in monitoring and evaluation	3	1	0	4
PHS25910P	Software for health economics analysis*	0	0	8	4
PHS25911T	Regression Analysis in Health Economics	3	1	0	4
PHS25912T	Big Data Analysis	3	1	0	4
PHS25913T	Designing Health Campaigns	3	1	0	4
PHS25914T	Soft skills in effective communication*	3	1	0	4
PHS25915T	Environmental health risk assessment	3	1	0	4
PHS25916P	Geospatial technologies in environmental health*	1	1	4	4
Total Learning Credits					64

6. Value Added Courses (VAC)		
Course Code	Course Title	C
PHV25401T	Life Skills*	0
PHV25501T	Universal Human Values*	0
PHV25601P	Interview Skills & CV Writing*	0
Total Learning Credits		0

7. Internship/Project					
Course Code	Course Title	Hours/ Week			
		L	T	P	C
PHS25603P	Project (For students opting exit- B.Sc. Public Health)	0	0	8	4
PHS25801P	Internship (For students opting Exit- B.Sc. Public Health (Honors))	0	0	48	24
PHS251001P	Internship	0	0	48	24
Total Learning Credits					52

* **Fully Internal courses.** End semester examination shall be conducted by the department and marks shall be submitted to the University.

7. Implementation Plan

Semester - I					
Code	Course Title	Hours/Week			C
		L	T	P	
PH25101T	Introduction to Public Health	4	0	0	4
PH25102T	Basic Epidemiology-I	5	0	0	5
PH25103T	Basic Biostatistics-I	4	1	0	5
PHAF25101T / PHAH25101T	French for Specific Purpose-I (or) Applied Hindi- I	2	0	0	2
PHS25101T	English-I	4	0	0	4
PHS25102P	Computer Applications-I*	0	1	6	4
Total Learning Credits					24

Semester - II					
Code	Course Title	Hours/Week			C
		L	T	P	
PH25201T	Public Health Challenges	4	0	0	4
PH25202T	Basic Epidemiology-II	4	1	0	5
PH25203T	Basic Biostatistics-II	4	1	0	5
PHAF25201T/ PHAH25201T	French for Specific Purpose-II (or) Applied Hindi- II	2	0	0	2
PHS25201T	English-II	4	0	0	4
PHS25202P	Computer Applications-II*	0	1	6	4
Total Learning Credits					24

Semester - III					
Course Code	Course Title	Hours/Week			C
		L	T	P	
PH25301T	Determinants of Health	5	0	0	5
PH25302T	Basic Epidemiology-III	4	1	0	5
PH25303T	Basic Biostatistics-III	4	1	0	5
PHS25301P	Computer Applications-III*	0	1	8	5
PHS25302T	Communication Skills-I*	3	1	0	4
Total Learning Credits					24

Semester - IV					
Course Code	Course Title	Hours/Week			C
		L	T	P	
PH25401T	Maternal and Child Health	5	0	0	5
PH25402T	Public Health Nutrition	5	0	0	5
PH25403T	Environmental Health	5	0	0	5
PHS25401P	Statistical Software-I*	1	1	6	5
PHS25402T	Communication Skills-II*	3	1	0	4
PHV25401T	Life skills*	0	0	0	0
Total Learning Credits					24

Semester - V					
Code	Course Title	Hours/Week			C
		L	T	P	
PH25501T	Introduction to Infectious Diseases	5	0	0	5
PH25502T	Introduction to Noncommunicable Diseases	5	0	0	5
PH25503T	Fundamentals of Health Research	4	1	0	5
PH25504T	Public Health Informatics	4	1	0	5
PHS25501P	Statistical Software-II*	0	1	6	4
PHV25501T	Universal Human Values*	0	0	0	0
Total Learning Credits					24

Semester - VI					
Code	Course Title	Hours/Week			C
		L	T	P	
PH25601T	Demography	4	1	0	5
PH25602T	Healthcare Delivery Systems	5	0	0	5
PH25603T	Global Health	4	0	0	4
PH25604T	Ethics in Health	4	0	0	4
PHS25601P	Capstone Project*	0	1	10	6
PHV25601P	Interview Skills & CV Writing*	0	0	0	0
Total Learning Credits					24
PHS25603P	Project (For students opting exit- for award of BSc-Public Health)	0	0	8	4
Total (For students opting exit)					28

Semester - VII					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
PH25701T	Scope of Public Health	4	0	0	4
PH25702T	Epidemiology	4	1	0	5
PH25703T	Biostatistics	4	1	0	5
PH25704T	RMNCH+A	5	0	0	5
PH25705T	Research Methodology	4	1	0	5
Total Learning Credits					24

Semester - VIII					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
PHS25801P	Internship (For students opting exit- for award of BSc-Public Health (Honors))	0	0	48	24
Total Learning Credits					24
PHS25802P	Data Analytics*	0	1	8	5
PHS25803P	Research Protocol*	0	1	8	5
PH25801T	Systematic Review & Meta-Analysis	4	1	0	5
PH25802T	Public Health Policy and Systems	5	0	0	5
PH25803T	Management of Public Health Programs	4	0	0	4
Total Learning Credits					24

Semester - IX					
Specialization: Health Project Management					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
PHS25901T	Project Planning, Implementation, Monitoring and Evaluation	3	1	0	4
PH25901T	Strategic Management in Public Health	3	1	0	4
PH25902T	Quality Management in Public Health	3	1	0	4
PH25903T	Health Management Information System	3	1	0	4
PHS25902P	Project Proposal Writing*	0	0	8	4
PHS25903P	Dissertation*	0	0	8	4
Total Learning Credits					24

Semester - IX					
Specialization: Health Communication					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
PH25910T	Introduction to Health Communication	4	0	0	4
PH25911T	Strategic Communication	3	1	0	4
PH25912T	Social media in healthcare	3	1	0	4
PHS25913T	Designing health campaigns	3	1	0	4
PHS25914T	Soft skills in effective communication*	3	1	0	4
PHS25903P	Dissertation*	0	0	8	4
Total Learning Credits					24

Specialization: Health Research					
PH25904T	Survey Research Methods	3	1	0	4
PH25905T	Qualitative Research Methods	3	1	0	4
PH25906T	Health Policy and Systems Research	3	1	0	4
PHS25904T	Secondary data analysis and Impact Evaluation	3	1	0	4
PHS25905T	Fundamentals of Evidence Synthesis and Scientific Writing*	3	1	0	4
PHS25903P	Dissertation*	0	0	8	4
Total Learning Credits					24

Specialization: Environmental Health					
PH25913T	Emergencies and disaster dimensions	4	0	0	4
PH25914T	Epidemic and Pandemic Preparedness and Response	3	1	0	4
PH25915T	Health Emergencies and Disaster management	3	1	0	4
PHS25915T	Environmental health risk assessment	3	1	0	4
PHS25916P	Geospatial technologies in environmental health*	1	1	4	4
PHS25903P	Dissertation*	0	0	8	4
Total Learning Credits					24

Semester - IX					
Specialization: Epidemiology					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
PH25907T	Epidemiology of Infectious and Noncommunicable Diseases	3	1	0	4
PH25908T	Epidemiological Methods	3	1	0	4
PHS25906T	Applied & Field Epidemiology	3	1	0	4
PHS25907T	Clinical Trials	3	1	0	4
PHS25908P	Statistical Methods in Epidemiology*	0	0	8	4
PHS25903P	Dissertation*	0	0	8	4
Total Learning Credits					24

Semester - X					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
PHS251001P	Internship	0	0	48	20
Total Learning Credits					24

*** Fully Internal courses.** End semester examination shall be conducted by the department and marks shall be submitted to the University.

Specialization: Health Economics					
PH25909T	Healthcare Financing	3	1	0	4
PHS25909T	Application of economics in monitoring and evaluation	3	1	0	4
PHS25910P	Software for health economics analysis*	0	0	8	4
PHS25911T	Regression Analysis in Health Economics	3	1	0	4
PHS25912T	Big Data Analysis	3	1	0	4
PHS25903P	Dissertation*	0	0	8	4
Total Learning Credits					24

Code	PH25101T	Title	Introduction to Public Health	Category	C	Core	L	T	P	C
							4	0	0	4

Offering Department	school of Public Health	Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil	Data Book / Codes/Standards	Nil
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Title & Session Outcomes	Foundations of Public Health	Multidisciplinary Nature of Public Health	Public Health Challenges	Major Players in Public Health	Competency requirement in Public Health
Duration (hour)	15	15	15	15	15
SO-1	Define public health and its core functions.	Define multidisciplinary approaches in public health	Define a public health challenge	Identify key organizations in global public health	Define core competencies in public health
SO-2	Outline the history and evolution of public health	Describe the role of environmental health	Identify common diseases affecting communities	Discuss the role of WHO	Describe the importance of communication skills in public health
SO-3	Describe the differences between public health and healthcare	Explain the role of epidemiology	List some lifestyle-related health problems (e.g., diabetes, obesity)	Explain the CDC's impact on health	Explain leadership in public health settings
SO-4	Discuss the importance of population health	Identify social and behavioral sciences in public health	Explain what makes a disease "infectious."	Describe UNICEF's contribution to child health	Explain advocacy as a public health skill
SO-5	Discuss health promotion	Analyze the role of biostatistics	Describe the importance of vaccination	Outline the role of local public health agencies	Discuss the importance of research and analytical skills
SO-6	List common public health activities (e.g., vaccination, health education)	Explain the role of law and ethics in public health	Identify simple steps for promoting a healthy lifestyle	Identify roles of non-profit organizations	Describe ethics and professionalism
SO-7	Analyze the role of public health in community well-being	Explain occupational health and safety	Understand the role of nutrition in preventing disease	Describe the role of community health workers	Discuss teamwork and collaboration
SO-8	Understand the role of public health in everyday life	Discuss public health administration	Discuss basic challenges in accessing healthcare	Discuss public-private partnerships	Explore community engagement skills
SO-9-10	Assignment: What is Public Health and Why is it Important?	Assignment: Identify the impact of technology in public health	Assignment: short note on a public health challenge you think is important (e.g., clean water, vaccination)	Assignment: the role of media in public health awareness	Assignment: which public health skills you would like to develop and why?
SO-11-12	Group Activity: Discuss simple public health activities students have seen in their communities	Group Activity: Debate on Current Public Health issues	Group Activity: Lifestyle Assessment Activity	Group Activity: Debate on public vs. private healthcare roles	Group Activity: what makes a good public health leader. Each Group share one Key Quality
SO-13-14	Presentation: Key Concepts of Public Health	Presentation: Environmental Health Issues	Presentation: Different Health Challenges	Presentation: major health organizations and their roles	Grand Viva
SO-15	Feedback to students	Internal Assessment	Feedback to Students	Internal Assessment	Grand Viva

Resources					
1	Hari Singh. , <i>Public Health: A Global Perspective</i> , 1st Edition, Routledge, 2024			2	Carr, S., Unwin, N., & Pless-Mulloli, T. , <i>An Introduction to Public Health and Epidemiology</i> , 2nd Edition, Open University Press, 2007
3	Shultz, J. M., Sullivan, L. M., & Galea, S. , <i>Public Health: An Introduction to the Science and Practice of Population Health</i> , 1st Edition, Springer Publishing Company, 2019			4	Park, K. , <i>Preventive and Social Medicine</i> , 27th Edition, Bhanot Publishers, 2023
5	Goldsteen, R. L., Goldsteen, K., & Graham, D. G. , <i>Introduction to Public Health</i> , , Springer Publishing Company			6	CDC) – <i>Public Health 101 Series</i> : https://www.cdc.gov/training-publichealth101/php/index.html

Rationale (CR)		Depth				Attainment			Program Outcomes (PO)											
The purpose of learning this course is to:		1	2	3	4	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12
CR-1	Introduces essential public health concepts to establish a foundational understanding for future applications					Level of Thinking			Disciplinary Knowledge											
CR-2	Enables comprehension of how multiple disciplines integrate to address public health issues					Expected Proficiency			Problem Analysis											
CR-3	Familiarizes with common health challenges, emphasizing the need for effective interventions					Expected Attainment (%)			Design & Development											
CR-4	Identifies major public health organizations and their roles in promoting health								Analysis, Design, Modern Tool Usage											
CR-5	Develops foundational skills essential for public health practice								Society & Culture Environment & Ethics											
CO-1	Understand fundamental concepts in public health	✓				2	90	80	Individual & Team Work											
CO-2	Identify the interdisciplinary aspects of public health	✓	✓			3	85	75	Communication											
CO-3	Explain key public health challenges and the importance of disease prevention.	✓	✓	✓		4	90	80	Protect Mgt. & Finance											
CO-4	Analyze the roles of major public health organizations in promoting health	✓	✓			5	85	75	Life Long Learning											
CO-5	Apply essential skills like communication and teamwork in public health settings	✓	✓	✓	✓	6	90	80												

Assessment											
Level of Thinking		Continuous Assessment (CA) (50 % weightage)								Final Exam (50 % weightage)	
		CA – 1		CA – 2		CA – 3		CA – 4			
		(25 %)		(25 %)		-		-			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
1	Remember										
2	Understand	40%	-	40%	-	-	-	-	-	40%	-
3	Apply		-	40%	-	-	-	-	-		-
4	Analyze	40%								40%	
5	Evaluate			20%	-	-	-	-	-		
6	Create	20%	-							20%	-
Total		100 %		100 %		-		-		100 %	

Strategies			
Technology		Pedagogy / Andragogy	
Simulations		Case Studies	No Poverty ✓
Emulations		Group Discussion	Zero Hunger ✓
Prototypes		Hands-on Practice	Good Health & Well Being ✓
Hands-on Practice Tools	✓	Inquiry Learning	Quality Education ✓
Mathematical Computing Tools		Interactive Lecture	Gender Equality
Field Visit		Leading Question	Clean Water & Sanitation ✓
		Mind Map	Affordable & Clean Energy
		Minute Paper	Reduced Inequalities ✓
		Peer Review	
		Problem Based Learning	

Designers		
Professional Experts		Higher Institution Experts
Dr Nirmala Murthy, FRHS		Dr. Balraj Dhiman, Director- Professor Community Medicine, Lady Harding Medical College, New Delhi
		Internal Experts
		Dr. Hari Singh Dr. Janmejaya Samal

Code	PH25102T	Title	Basic Epidemiology-I	Category	C		Core	L	T	P	C
								5	0	0	5

Offering Department	School of Public Health	Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Basic Epidemiology-II	Data Book / Codes/Standards	Nil
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Rationale (CR)		The purpose of learning this course is to:				Depth				Attainment			Program Outcomes (PO)													
CR-1	Introduce the foundational principles of epidemiology.					1	2	3	4	Level of Thinking	1	90	80	Disciplinary Knowledge	1	2	3	4	5	6	7	8	9	10	11	12
CR-2	Emphasize the role of disease causation in public health.																									
CR-3	Foster understanding of disease transmission and its prevention.																									
CR-4	Develop critical thinking through historical epidemiological studies.																									
CR-5	Enhance skills in analyzing disease progression and prognosis																									
Outcomes (CO)		At the end of this course, learners will be able to:				Conceive	Design	Implement	Operate	Expected Proficiency (%)	Expected Attainment (%)															
CO-1	Define and describe the basic concepts of epidemiology.					✓				2	85	75	H	M	L	L	L	M	L	L	L	L	L	L	M	
CO-2	Explain the modes of disease transmission and levels of prevention.					✓				3	90	80	H	H	L	M	L	M	M	M	M	M	L	H		
CO-3	Analyze historical contributions to epidemiology and their relevance today.					✓	✓			4	85	75	H	H	M	H	M	H	H	H	H	H	M	H		
CO-4	Understand the natural history and prognosis of various diseases.					✓			✓	5	90	80	H	H	H	H	M	H	H	H	H	H	H	H	H	
CO-5	Apply epidemiological concepts to contemporary health issues.					✓	✓	✓	✓																	

Title & Session Outcomes	Definition and History	Epidemiological Approach	Disease Transmission	Prevention	Natural history of disease
Duration (1.5 hour)	10	10	10	10	10
SO-1	Definition of epidemiology-I	Concept of Epidemiological Approach	Concept of disease transmission	Levels of prevention; primary prevention; secondary prevention	Stages of disease
SO-2	Definition of epidemiology-II	Raising a question about a particular health issue in the context of an outbreak	Modes of disease transmission	Tertiary prevention; primordial prevention	Spectrum of disease
SO-3	History and Evolution-I	About Acute Diarrhoeal Disease	Airborne transmission	Group work: On preventive strategies for common diseases	Prognosis
SO-4	History and Evolution-II	About Malaria	Fecal-oral transmission	Presentations and feedback	Natural History of Hepatitis-B
SO-5	Concept of Causation	About COVID-19	Vector borne diseases	Feedback on write up	Natural History of Malaria
SO-6	Concept of association	Collect data based on the above examples	Sexual contact	Feedback on write up	Natural History of Osteoarthritis
SO-7	Student Assignment: Write an essay on the definition of Epidemiology	Male comparisons based on the above data	Blood borne diseases	Epidemiological transition, and new emerging diseases	Natural History of Poliomyelitis
SO-8	Student Assignment: Write an essay about the contributions of John Snow to Public Health	Prepare an Epidemiological report based on above parameters	Physical contact	Viva	Natural History of COVID-19

SO-9	Group Presentation: Role of Epidemiology in Public Health	Presentation-I	Presentation-I	Viva	Natural History of Tuberculosis
SO-10	Group Presentation: Role and Responsibilities of an Epidemiologist	Presentation-II	Presentation-II	Viva	Natural History of Diabetes Mellitus

Resources

1	<i>Epidemiology</i> Leon Gordis, 5th Ed. Saunders Philadelphia 2014	2	<i>Basics of Epidemiology</i> , Bonita & Beaglehole. 2nd Edition -WHO, 2007
3	<i>Friis RH, Sellers TA. Epidemiology for public health practice, 4th edit. Boston: Jones & Bartlett Publisher, 2009</i>	4	

Assessment

Level of Thinking		Continuous Assessment (CA) (50 % weightage)								Final Exam (50 % weightage)	
		CA – 1		CA – 2		CA – 3		CA – 4			
		(25 %)		(25 %)		-		-			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
7	Remember	40%	-	40%	-	-	-	-	-	40%	-
8	Understand										
9	Apply	40%	-	40%	-	-	-	-	-	40%	-
10	Analyze										
11	Evaluate	20%	-	20%	-	-	-	-	-	20%	-
12	Create										
Total		100 %		100 %		-		-		100 %	

Strategies

Technology	Pedagogy / Andragogy	Sustainable Development	
Simulations	Case Studies	No Poverty	✓
Emulations	Group Discussion	Zero Hunger	✓
Prototypes	Hands-on Practice	Good Health & Well Being	✓
Hands-on Practice Tools	✓ Inquiry Learning	Quality Education	✓
Mathematical Computing Tools	Interactive Lecture	Gender Equality	
Field Visit	Leading Question	✓ Clean Water & Sanitation	✓
	Mind Map	Partnerships for the Goals	✓
	Minute Paper	✓	
	Peer Review	✓	
	Problem Based Learning	✓	

Designers

Professional Experts	Higher Institution Experts	Internal Experts
Dr. Jayaprakash Muliylil, ICMR scientific advisory committee, jpmuliylil@gmail.com	1. Dr. Vijay Gopichandran. ESIC Medical College and PGIMS, vijay.gopichandran@gmail.com	1. Dr. Alex Joseph, SRMIST

Code	PH25103T	Title	Basic Biostatistics-I				Category	C	Core	L	T	P	C
										4	1	0	5

Offering Department	School of Public Health	Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Basic Biostatistics-II	Data Book / Codes/Standards	Nil
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Title & Session Outcomes	Introduction	Data Collection and Presentation	Measures of Central Tendency	Measures of Dispersion	Basics of Probability and Sampling
Duration (1.5 hours)	10	10	10	10	10
SO-1	Understand what biostatistics and its importance.	Learn simple ways to collect data like observation and surveys.	Understand what central tendency means and why it is useful	Learn why it is important to study variations in data.	Understand what probability means and why it is useful
SO-2	Learn how biostatistics is used in health and research.	Organize data into a table for easy understanding.	Learn how to calculate the mean, median and mode for simple data.	Find the range (difference between largest and smallest values) in data.	Learn basic rules of probability (e.g., addition and multiplication)
SO-3	Know the difference between qualitative and quantitative data.	Understand when to use tables or graphs.	Compare the mean, median, and mode and their uses.	Learn how to calculate variance step by step	Understand about different types of sampling and why it is important.
SO-4	Understand the four types of data: nominal, ordinal, interval, and ratio.	Draw a bar chart from a small set of data.	Understand how central tendency helps in research.	Calculate standard deviation (spread of data) manually.	Use probability to predict simple outcomes like disease risk
SO-5	Understand how biostatistics solves everyday problems.	Make a pie chart using simple data.	Learn which measure of central tendency works best in different cases.	Learn about the coefficient of variation	Understand how sampling errors affect research
SO-6-7	Assignment: Identify different types of data in simple examples.	Assignment: Create line graphs and histograms to show trends.	Assignment: Use real-world examples like daily expenses to calculate averages.	Assignment: Solve simple problems to practice these calculations.	Practical: Probability and sampling
SO-9	Group Activity: Collect simple data (e.g., favorite fruit of classmates) and group them into qualitative and quantitative types.	Group Activity: Collect data (e.g., favorite colors of classmates) and draw a bar chart and pie chart.	Practical: Use test scores of classmates to calculate mean, median, and mode.	Group Activity: Measure and record the height of classmates, calculate range, variance, and standard deviation.	Grand Viva
SO-10	Feedback to students	Internal Assessment	Feedback to students	Internal Assessment	Grand Viva

Resources		
1	<i>Biostatistics Student solutions manual: A foundation for analysis in the health sciences; Wanye W Daniel, 9th Ed, Wiley Series, 2011.</i>	2 <i>Essentials of Biostatistics in Public Health, Lisa M Sullivan 2nd Ed, Learning Resources, 2009</i>

Rationale (CR)		The purpose of learning this course is to:				Depth				Attainment _t			Program Outcomes (PO)											
CR-1	To understand basic concepts of biostatistics for understanding health data					1	2	3	4	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12
CR-2	To develop skills in data collection, organization, and presentation					Conceive Design Implement Operate	Level of Thinking	Expected Proficiency	Expected Attainment (%)	Disciplinary Knowledge	Problem Analysis	Design & Development	Analysis, Design, Modern Tool Usage	Society & Culture	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning				
CR-3	To learn the application of biostatistics in real-world health scenarios																							
CR-4	To build a foundation for conducting and interpreting research studies																							
CR-5	To enhance critical thinking and problem-solving in health																							
Outcomes (CO)		At the end of this course, learners will be able to:																						
CO-1	Define and explain key concepts in biostatistics					✓				1	90	80	H	M	L	M	L	L	L	L	M	L	M	
CO-2	Collect, organize, and present data using tables and graphs.					✓	✓	✓		2	85	75	H	H	M	M	H	L	L	L	M	H	M	M
CO-3	Calculate and interpret central tendency and dispersion measures					✓	✓	✓		3	90	80	H	H	H	H	H	L	L	L	M	H	M	H
CO-4	Apply probability and sampling methods to real-life problems.					✓	✓	✓		4	85	75	H	H	M	H	H	M	M	M	M	M	M	H
CO-5	Communicate statistical findings effectively through data visualization.					✓	✓	✓	✓	6	90	80	H	M	M	M	H	M	L	M	M	H	M	H

Assessment											
Level of Thinking		Continuous Assessment (CA) (50 % weightage)								Final Exam (50 % weightage)	
		CA – 1		CA – 2		CA – 3		CA – 4			
		(25 %)		(25 %)		-		-			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
1	Remember										
2	Understand	40%	-	40%	-	-	-	-	-	40%	-
3	Apply		-		-	-	-	-	-		-
4	Analyze	40%		40%						40%	
5	Evaluate					-	-	-	-		
6	Create	20%	-	20%	-					20%	-
Total		100 %		100 %		-		-		100 %	

Strategies			
Technology		Pedagogy / Andragogy	
Simulations		Case Studies	No Poverty
Emulations		Group Discussion	✓ Zero Hunger
Prototypes		Hands-on Practice	✓ Good Health & Well Being
Hands-on Practice Tools		✓ Inquiry Learning	✓ Quality Education
Mathematical Computing Tools		Interactive Lecture	✓ Gender Equality
Field Visit		Leading Question	✓ Clean Water & Sanitation
		Mind Map	Partnerships for the Goals
		Minute Paper	✓
		Peer Review	✓
		Problem Based Learning	✓

Designers		
Professional Experts	Higher Institution Experts	Internal Experts
Dr. Saravanan, Scientist B, ICMR, NIE, Chennai	Dr. Bagavandas, Professor, Center for statistics, SRMIST	Dr. Gladius Jennifer. H Dr. Prakash. M

Course Code	PHAH25101T	Course Name	Applied Hindi-I	Course Category	AE	Ability Enhancement Courses (AE)	L	T	P	C
							2	0	0	2

Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil
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Course Offering Department	HINDI	Data Book / Codes/Standards	Nil
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Course Learning Rationale (CLR):		The purpose of learning this course is to:			Learning			Program Learning Outcomes (PLO)											
CLR-1 :	Explain and appreciate the Constant moral values of India				1	2	3	1	2	3	4	5	6	7	8	9	10	11	12
CLR-2 :	Focus on Evaluating the social changes through prose																		
CLR-3 :	To Display moral and social values in the field of religion and communal Unity																		
CLR-4 :	To make translation of good literature and any relevant document from the Hindi Language to English and vice –versa																		
CLR-5 :	To help the learners to tackle Administrative terminology																		
Course Learning Outcomes (CLO):		At the end of this course, learners will be able to:			Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)	Fundamental Knowledge	Application of Concepts	Link with Related Disciplines	Procedural Knowledge	Skills in Specialization	Ability to Utilize Knowledge	Skills in Modeling	Analyze, Interpret Data	Investigative Skills	Problem Solving Skills	Communication Skills	Analytical Skills
CLO-1 :	Understand the various forms of Prose and different aspects of social issues				2	75	80	H	H	H	M	L	H	L	M	L	L	H	M
CLO-2 :	To create an awerness on Ramayanan				2	80	90	H	H	H	M	L	H	H	M	L	L	H	M
CLO-3 :	To Examine the accuracy in Translation				2	75	95	H	H	M	L	H	H	M	H	M	M	H	H
CLO-4 :	To Provide technical writing skills				2	80	90	H	H	L	H	M	H	L	H	H	M	H	H
CLO-5 :	To evaluate the nuance in essays				2	85	90	M	H	M	H	L	H	H	L	H	M	H	H

Duration (hour)		9	9	9	9	9
S-1	SLO-1	KAHANI	NIBANDH	BAL RAMAYAN	ANUVAD	PARIBHASHIK SHABDAVALI
	SLO-2	AVDHARNA	VDHARNA	KHATHA VASHTU	AVDHARNA	ARTH
S-2	SLO-1	ARTH	ARTH	AVADHPURI MEN RAM	ARTH	PARIBHASHA
	SLO-2	SWARUP	SWARUP	RAM KE ADARSH KE PRATI PRERIT KARNA	SWARUP	SWARUP
S-3	SLO-1	PARIBHASHA	PARIBHASHA	RAMAYAN KE PRATI RUCHI JAGANA	PARIBHASHA	PRAKAR
	SLO-2	KAHANI KE TATVA	AHABHARAT KE SAMAY KA HARAT-BHALKRISHNA BHATT	RAMAYAN KA SAMAJ MEN MAHATVA	PRAKAR	AVADHARNA
	SLO-1	UDDESHYA	LEKHAK PARICHAYA	LOKJEEVAN KE PRATI JAGRUP KARNA	MAHATVA	PRAYOJAN

S-4	SLO-2		PATH KA VISLESHAN	JANGAL AUR JANKPUR	UDDESHYA	UDDESHYA
S-5	SLO-1	ANTASH MAN KI JAGRITI	UDDESHYA	GURU KE PRATI ADAR BHAV	ANUBAD PRAKRIYA	MAHATVA
	SLO-2	EIDGAH – KAHANI PREMCHAND	SAMAJIK SAMRASTA	VIRTA KE BHAV KO JAGANA	VIVIDH PRAYOG	PRAYOG
S-6	SLO-1	KAHANI KA PARICHAYA	PAURANIK KAHANIYO SE AVAGAT KARANA	VIDHARM KA PRATIFAL	HINDI SE ANGREZI ANUVAD	UDDESHYA
	SLO-2	KAHANI VISLESHAN	MAHABHARAT EVAM RAMAYAN KE SAMAJ KI TULNA	VAN JEVAN SE AVAGAT KARANA	ANGREZI SE HINDI ANUVAD	TAKANIKI SHABDAVALI KA MHATVA
S-7	SLO-1	BAL MANOVIGYAN	BABUL AUR KAKTASH-RAMDARASH MISHRA	SITA KE ADARSH CHARITRA SE AVAGAT KARANA	ANUVAD KA PRAYOJAN	HINDI SE ANGREZI SHABD
	SLO-2	ASMANTA KA CHITRAN	LEKHAK PARICHAY	RAM KE CHARITRA SE AVAGAT KARANA	ANUVAD KA PRAYOG	ANGREZI SE HINDI SHABD
S-8	SLO-1	DIP SE DIP JALE- USHA YADAV	PATH KA VISLESHAN	VIRTA KE BHAV JAGANA	SHROT BHASHA KA GYAN	EK DIN EK SHABD
	SLO-2	SAPNE KE LIYE SANGHARSH	MANVATA KO JIVIT RAKHANE KI PRERNA	PATH KA VISLESHAN	LAKSHYA BHASHA KA GYAN	SHABDON KA VISLESHAN
S-9	SLO-1	SAMASYA KA SMADHAN JAD MEN HOTA HAI	AAJ KE SANDARBH ME MAHABHARAT KI UPYOGITA	PATH PRICHARCHA	ANUVAD KA DAYITVA	PATH PRICHARCHA
	SLO-2	PRASHNABHAYASH	PRASHNABHAYASH	PRASHNABHAYASH	ANUVAD KA ABHYASH	PRASHNABHAYASH

Learning Resources	Edited Book: “PRAYOJAN MULOK HINDI”, SRIJONLOK PUBLICATION, 2023, New Delhi. 1. Srijanlok Literary Magazine, Ara (Bihar – 802301) 2. https://hindisamay.com/ 3. https://ncert.nic.in/textbook.php?fhbr1=0-12 4. Prayojan mulak Hindi, Dr. Sontakke 5. https://rajbhasha.gov.in/hi/ol_clause
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Learning Assessment											
	Bloom's Level of Thinking	Continuous Learning Assessment (50% weightage)								Final Examination (50% weightage)	
		CLA – 1 (10%)		CLA – 2 (10%)		CLA – 3 (20%)		CLA – 4 (10%)			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	30%	30%	30%	30%	20%	20%	20%	20%	30%	-
	Understand										
Level 2	Apply	40%	50%	50%	40%	50%	50%	50%	50%	50%	-
	Analyze										
Level 3	Evaluate	30%	20%	20%	30%	30%	30%	30%	30%	20%	-
	Create										
	Total	100 %		100 %		100 %		100 %		100 %	

CLA – 4 can be from any combination of these: Assignments, Seminars, Tech Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc

Course Designers		
Experts from Industry	Experts from Higher Technical Institutions	Internal Experts
Shri. Santosh Kumar Editor : Srijanlok Magazine Place: Vashishth Nagar, Ara – 802301	1. Prof. (Dr.) S.Narayan Raju, Head, Department of Hindi, CUTN, Tamilnadu	1. Dr.S Preeti. Associate Professor & Head, SRMIST
		2. Dr. Md.S. Islam Assistant Professor, SRMIST
		3.Dr. S. Razia Begum, Assistant Professor, SRM IST
		4. Dr.Nisha Murlidharan Assistant Professor, VDP, SRM IST

Course Code	PHAF25101T	Course Name	French for Specific purpose-I	Course Category	AE	Ability Enhancement Courses (AE)	L	T	P	C
							2	0	0	2

Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil
Course Offering Department	French	Data Book / Codes/Standards	Nil		

Course Learning Rationale (CLR):	The purpose of learning this course is to:
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		Learning			Program Learning Outcomes (PLO)																				
CLR-1 :	Strengthen the language of the students both in oral and written	Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
CLR-2 :	Express their sentiments, emotions and opinions, reacting to information, situations				Fundamental Knowledge	Application of Concepts	Link with Related Disciplines	Procedural Knowledge	Skills in Specialization	Ability to Utilize Knowledge	Skills in Modeling	Analyze, Interpret Data	Investigative Skills	Problem Solving Skills	Communication Skills	Analytical Skills									
CLR-3 :	Make them learn the basic rules of French Grammar.																								
CLR-4 :	Develop strategies of comprehension of texts of different origin																								
CLR-5 :	Enable the students to overcome the fear of speaking a foreign language and take position as a foreigner speaking French																								
Course Learning Outcomes (CLO):		At the end of this course, learners will be able to:																							
CLO-1 :	To acquire knowledge about French language	2	75	80	H	M	H	H	M	H	H	L	M	M	H	L	-	-	-						
CLO-2 :	To strengthen the knowledge on concept, culture, civilization and translation of French	2	80	90	M	H	L	H	H	M	H	M	L	L	H	M	-	-	-						
CLO-3 :	To develop content using the features in French language	2	75	80	H	H	L	M	H	M	L	H	M	M	H	H	-	-	-						
CLO-4 :	To interpret& Translate the French language into other language	2	75	90	H	L	M	H	M	H	H	M	L	H	M	L	-	-	-						
CLO-5 :	To improve the communication, intercultural elements in French language	2	80	75	M	H	H	L	M	M	H	H	M	L	H	M	-	-	-						

Duration (hour)		9	9	9	9	9
S-1	SLO-1	TP de chimie	Le jour des examens	L'impératif négatif	Comprendre une lettre de motivation	Comprendre la structure d'un rapport de stage
	SLO-2	Les exemples	Les activités	-Le passé composé avec être	Les exemples	Trouver des mots clés-
S-2	SLO-1	- Un TP au laboratoire-	Le sms à la française -	Les exemples	Repérer le présent	Les activités
	SLO-2	Les exemples	Les activités	Le passé composé des verbes pronominaux	Les activités	Comprendre un texte technique-
S-3	SLO-1	Comprendre un TP	Les examens	-La recherche de stage -	, le passé composé et	Les activités
	SLO-2	Les exemples	Les activités	Les exemples	Les activités	Les exemples
S-4	SLO-1	-Suivre un protocole expérimental -	-Donner des conseils	Les activités	le futur dans un texte	Relever des arguments dans un texte-
	SLO-2	Les activités	Les exemples	Le stage en France	Les exemples	Les activités
S-5	SLO-1	Lire des équations chimiques -	-Écrire et comprendre un sms -	Les activités	- Le rapport de stage et le domaine des carburants -	Les exemples
	SLO-2	Les activités	Comprendre une interdiction	Le CV français	Les activités	Les activités
S-6	SLO-1	Identifier des formules chimiques à l'oral	Les activités	Les exemples	Le stage	Les activités
	SLO-2	Les exemples	-Donnez des consignes -	La lettre de motivation-	Les exemples	Les pronoms COI
S-7	SLO-1	- L'infinitif pour exprimer un ordre ou	Les exemples	Comprendre une offre de stage	La méthode du plan détaillé-	Les exemples
	SLO-2	Les activités	Comprendre	Les exemples	Les activités	Les exemples
S-8	SLO-1	un conseil (dans les consignes) -	Les exemples	Les activités	Les exemples	Les activités
	SLO-2	Les exemples	et parler d'actions passées-	Comprendre et réaliser un CV	Le contenu du rapport de stage	Quelques verbes et leur préposition
S-9	SLO-1	La nominalisation	Les exemples	Les activités	Les exemples	Les activités
	SLO-2	Les exemples	L'impératif des verbes pronominaux	Les exemples	Les activités	Les exemples

Learning Resources	Theory:
	1. "Tech French" French for Science and Technology, Ingrid Le Gargasson, Shariva Naik, Claire chaize, Les éditions Didier, India, 2011.
	2. https://www.fluentu.com/blog/french/french-grammar
	3. https://www.elearningfrench.com/learn-french-grammar-online-free.html
	4. https://www.lawlessfrench.com/grammar
	5. https://blog.gymglish.com/2022/12/15/basic-french-grammar

		Learning Assessment									
	Bloom's Level of Thinking	Continuous Learning Assessment (50% weightage)								Final Examination (50% weightage)	
		CLA – 1 (10%)		CLA – 2 (10%)		CLA – 3 (20%)		CLA – 4 (10%)			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	30%	30%	30%	30%	20%	20%	20%	20%	30%	-
	Understand										
Level 2	Apply	40%	50%	50%	40%	50%	50%	50%	50%	50%	-
	Analyze										
Level 3	Evaluate	30%	20%	20%	30%	30%	30%	30%	30%	20%	-
	Create										
	Total	100 %		100 %		100 %		100 %		100 %	

CLA – 4 can be from any combination of these: Assignments, Seminars, Tech Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc.,

Course Designers		
Experts from Industry	Expert from Higher Technical Institutions	Internal Experts
1. Mr. Kavaskar Danasegarane Process Expert Maersk Global Service Center Pvt. Ltd	1. Dr. C.Thirumurugan Professor, Department of French, Pondicherry University	1. Mr. Kumaravel K. Assistant Professor & Head, SRMIST, KTR
2.Mr. Sharath Raam Prasad Character Designer,Animaker Company Pvt.		2. Mrs. Abigail, Assistant Professor, SRMIST, VDP

Course Code	PHS25101T	Course Name	English-I	Course Category	AE	Ability Enhancement course	L	T	P	C
							4	0	0	4

Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil
Course Offering Department	Department of English, FSH, SRMIST		Data Book / Codes/Standards	Nil	

Course Learning Rationale (CLR):	The purpose of learning this course is to:	Learning	Program Learning Outcomes (PLO)
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CLR-1:	CLR-2:	CLR-3:	CLR-4:	CLR-5:	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12
Develop an understanding and sensibility of human consciousness through gender inclusive curriculum	Enhance the abilities of deeper understanding to stay with integrity with the fellow human beings	Develop the overall language competency of the learner	Develop proficient language skills	Learn to express the thoughts clearly, develop logical arguments and enhance the overall communication skills.	Level of	Expected	Expected	Fundamental	Application of	Link with	Procedural	Skills in	Ability to	Skills in	Analyze,	Investigative	Problem	Communication	Analytical
Course Learning Outcomes (CLO):																			
At the end of this course, learners will be able to:																			
CLO-1:	Analyze different literary texts to identify the representation of issues related to gender, and class	2	75	60	H	M	M	L	-	M	-	M	H	L	H	L			
CLO-2:	Apply critical thinking skills to analyze and respond to academic texts.	2	80	70	M	H	L	-	-	-	-	M	M	H	H	M			
CLO-3:	Critically evaluate and discuss contemporary issues through online articles.	2	70	65	M	M	M	-	L	L	-	H	M	H	H	L			
CLO-4:	Refine their general writing skills	2	70	70	H	M	L	-	M	H	-	-	-	-	H	L			
CLO-5:	Improve their language application skills	2	80	70	H	H	-	M	-	M	-	L	L	M	H	M			

Duration (hour)	12	12	12	12	12
S-1	SLO-1	Introduction to the poetry and the poet- Sukirtharani	Introduction to Short stories. Introducing the short story writer Katherine Mansfield.	Introduction to Creative Writing. Explaining the elements of creative writing.	Building the discourse- The significance of conversation and the key elements of discourse are the points of discussion in this class hour.
	SLO- 2	Reading and recitation of the poem - Debt	Reading the story- The Doll's House	Stand-up comedy show -translate the audio content in English. (any regional language)	Art of conversation in digital and verbal discourse- Lee Mockobe's A Powerful Poem of what it means to be a Transgender. TEDX TALK- POEM RECITATION

Reflecting the learning. -Review writing

Choosing the subject for reviewing.

S-2	SLO-1	Analysis and Critical interpretation of the poem.	Explaining the story through depiction of characters and representation of injustices.	Students- groups -Students belonging to States other than Tamilnadu	Reflecting on the style and the tone of the poem.	Planning to choose.
	SLO- 2	Introduction to the poet Kalki Subramaniam.	Analysis and critical interpretation of the short story Doll's House.	Practice the writing activity -creative ways of engaging in translation.	Practicing conversation	Understand the review process how effectively a review of any work can be done.
S-3 – S-4	SLO-1	Reading and recitation of the poem Phallus I cut.	Introduction to the writer Haruki Murakami.	Correction of errors- attempting to translate.	Introducing Content writing in Social Media- the importance of content writing.	Introducing the students to the review of the various works.
	SLO- 2	Analysis and Critical interpretation of the poem.	Reading the Confessions of a Shinawaga monkey.	Identifying equivalent terms to certain regional words - learn the art of translation.	BLOG WRITING - Subtleties Of Workplace Inclusion: Mental Health And Queer Community- Salik Ansari.	Reviewing -recorded -posted in the social media pages of SRMIST
S-5	SLO-1	Introduction to the poet Imtiaz Dharker	Discussion and analysis of the Confessions of a Shinawaga monkey.	Introducing famous art works and the contexts of creation. Salvador Dali- The Face of War Pablo Picasso- Guernica Edward Munch- The Scream Pieter Bruegel- The Tower of Babel	writer's conversation with the readers - the blog in other blog articles	Thoughtful conversation with your team member post the same in the official social media page of SRMIST.
	SLO- 2	Reading and reciting the poem Purdah 1	Introduction to Crystal Wilkinson	creative and/ or thoughtful writing - contemporary themes of modern day relevance	Practice blog writing	Choosing the team based on the abilities that are comfortable to match the peer members
S-6	SLO-1	Analysis and Critical interpretation of the poem- Purdah 1	Reading Endangered Species: Case 47401.	Students -writing abilities- building stories- a visual treat of variety of pictures.	Apprehending Life by reading the texts of influence- Chimamanda Ngozi Adiche's Notes on Grief- A BRIEF NOTE, We should all be Feminists- An Essay.	Choosing the topics for a thoughtful conversation
	SLO- 2	Reading and reciting the poem Purdah 2	Discussion and analysis of Endangered Species: Case 47401.	Elements of writing	Discussion- essay by the author -subjective depiction of life. Understand -subjective opinions -perspectives -	Planning and preparation for the script of conversation with a team member
S-7 – S-8	SLO-1	Analysis and Critical interpretation of the poem- Purdah 2	Introduction to C.S Lakshmi also known as Ambai.	Incorporate the elements of story in story writing.	Class discussion	Drafting , editing and revising the script of conversation and enacting the conversation with the team members
	SLO- 2	Introduction to the poet Arundathi Subramanian	Reading the short story- In a Forest, A Deer.	Practice -write stories -pictures given or shown	Practising the task multiple times with all the students in the classroom.	Enactment -proper rehearsal -final performance -conversation- whole performance should be recorded.
S-9	SLO-1	Reading and reciting the poem- Home	Discussion and Analysis of In a Forest, A Deer.	A writing task to write a script is introduced in the classroom.	Interposing opinions in famous interviews-	The recording should be posted in the official media page and social handles of SRMIST.

	SLO- 2	Analysis and Critical interpretation of the poem- Home	Retrospecting the writing styles of the authors- Katherine Mansfield, Haruki Murakami, Crystal Wilkinson and Ambai.	creative scripts inspiring from the dialogues of their favourite films by changing the scenario to their own wish according to their own whims and fancies.	Interposing opinions in famous interviews- FII Interviews: Tasveer Co-Founder And Filmmaker Rita Meher On The Seattle Legislation, Minority Rights And The Fight Against Oppression- INTERVIEW	work for this social post - reflect on their experience of learning communicative English course and the testimonial has to be recorded and posted in the social media pages of SRMIST..
S-10	SLO-1	Recollection of study of the writing styles and intentions of the poets prescribed in the syllabus.	Revision- The Doll's House	Creative writing -writing news reports. recreated with new characters, places, scenes, incidents.	Students -enact as interviewer and interviewee and practice building the discourse.	Involving the students for the project work. Introducing what is project work and inculcating the interest - Giving instructions to do the project works -
	SLO- 2	Revision of the poems Debt and Phallus I cut	Revision- Confessions of a Shinawaga Monkey	Watch debate shows - summarising the arguments Enhance -descriptive writing skill.	Certain role plays like celebrity personalities, political personalities -conduct the interview and be the interviewer and interviewee.	Discussion of ideas and generation of creative ideas
S 11 S 12	SLO-1	Revision of the poems Purdah 1 and 2	Revision- Endangered Species: Case 47401	Practice the improvement of writing skill.	The art of conversation and the ability to build a discourse	1. Assignment on any piece of creative writing (OR) 2. Presentation- Mastering the art of Public Speaking. (OR) 3. Project on compiling the real life influential events on gender inclusive issues and a presentation of the same. Interview Scripting /Blog writing.
	SLO- 2	Revision of the poem Hiome.	Revision- In a Forest, A Deer.	Repetitive practice and continuous assessment - writing skills-master the writing skill.	The evaluation and assesment of the conversation - constructive feedbacks to the students.	Students can opt any of the project from the given choice.

Learning Resources	- Horizon- English Text Book – Compiled and Edited by the faculty of English Département, FSH, SRMIST, 2020 English Grammar in Use by Raymond Murphy - Raymond Murphy, Intermediate English Grammar, Cambridge University Press, 2007 - R.P. Bhatnagar, English for Competitive Examinations, Trinity Press, 3rd Edition, 2016 http://www.apitudetests.org/verbal-reasoning-test https://www.assessmentday.co.uk/apitudetests_verbal.htm
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Level	Blooms Level of Thinking	Continuous Learning Assessment (50% weightage)								Final Examination (50% weightage)	
		CLA-1 (10%)		CLA-2 (10%)		CLA-3 (20%)		CLA-4 (10%)			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
1	Remember	30%	-	30%	-	30%	-	30%	-	30%	-
	Understand										
2	Apply	40%	-	40%	-	40%	-	40%	-	40%	-
	Analyze										
3	Evaluate	30 %	-	30%	-	30%	-	30 %	-	30%	-
	Create										
	Total	100 %		100 %		100 %		100 %		100 %	

CLA – 4 can be from any combination of these: Assignments, Seminars, Short Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc.,

Course Designers		
Experts from Industry	Experts from Higher Technical Institutions	Internal Experts
Krishna Raj Sutherland Krishna.Raj1@sutherlandglobal.com	Dr. J Mangayarkarasi Associate Professor and Head, Dept. of English Ethiraj College for Women Chennai jmbwilson97@gmail.com	Dr. Pushpanjali Sampathkumar, Assistant Professor, Department of English, FSH, SRMIST
Ann Mariya Thomson	Dr. K S Antonysamy	Dr. Dr. Shanthichitra, Associate Professor, & Head, Department of English, FSH, SRMIST Dr Anchal Sharma, Prof & Hod EFL SRMIST NCR Campus Dr T Sridevi, Assistant Professor English, FSH Ramapuram SRM Dr Shanmuga Priya, Assistant Professor SRMIST Trichirapalli Campus

Code	PHS25102P	Title	Computer Applications-I*	Category	C	Core	L	T	P	C
							0	1	6	4

Offering Department	school of Public Health	Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil	Data Book / Codes/Standards	Nil
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Title & Session Outcomes	Introduction to Computers	Word Applications	Spreadsheet Application	PowerPoint Application	Internet and E Mail Applications
Duration (hour)	9	9	9	9	9
SO-1	Overview of Computers: Components and Functions	Introduction to Word Processors: MS Word and Google Docs	Understand the purpose of spreadsheets and their applications	Understand the structure and elements of presentation software	Understand the basics of internet functionality and protocols
SO-2	Introduction to Operating Systems: Functions and Examples	Text Formatting: Font Styles, Sizes, and Colors	Create and manage spreadsheet files in MS Excel and Google Sheets	Create new presentation & Apply various slide layouts and templates	Navigate search engines effectively. Identify safe browsing practices
SO-3	File Management: Creating, Renaming, Deleting Files and Folders	Insert and format tables and images into a document	Enter, edit, and format data in cells	Insert images, videos, and other multimedia elements	Create and manage email accounts
SO-4	Input and Output Devices: Overview	Implement page layout features (margins, page breaks)	Apply basic formulas and functions (SUM, AVERAGE, COUNT)	Use animations and transitions	Attach files and use email features (filters, folders)
SO-5-6	Storage Devices: Primary and Secondary Storage & Introduction to Computer Networks	SO-5-Create headers, footers, and page numbers. SO-6 Convert documents into different formats (PDF, .docx)	SO-5: Create and customize charts and graphs SO-6: Implement sorting and filtering tools	SO-5: Apply design principles for effective slide layouts SO-6: Incorporate charts and graphs	SO-5: Use cloud storage services for collaboration (e.g., Google Drive, OneDrive) SO-6: Apply internet safety protocols and implications of data privacy
SO-7-8	Assignment on Basic Computer Operations and File Management	Practice: Create and format simple documents with tables and images	Practice: data entry and formatting	Presentation: Practice presenting slides and receiving peer feedback	Hands on Practice: Writing an official mail
SO-9	Feedback to students	Internal Assessment	Feedback to Students	Internal Assessment	Final Exam

Resources					
1	Norton, P. <i>Introduction to Computers</i> . McGraw-Hill Education			2	Lambert, J., & Frye, C. (2019). <i>Microsoft Word Step by Step</i> . Microsoft Press
3	Walkenbach, J. (2019). <i>Excel 2019 Bible</i> . Wiley			4	Atkinson, C. (2018). <i>Beyond Bullet Points: Using PowerPoint to Tell a Compelling Story</i> . Microsoft Press

Rationale (CR)		The purpose of learning this course is to:				Depth				Attainment t			Program Outcomes (PO)											
CR-1	To Equip students with foundational knowledge and skills to effectively use computers and applications					1	2	3	4	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12
CR-2	To Develop skills in word processing for creating and managing documents					Conceive Design Implement Operate				Level of Thinking	Expected Proficiency	Expected Attainment (%)	Disciplinary Knowledge	Problem Analysis	Design & Development	Analysis, Design, Modern Tool Usage	Society & Culture	Environment & Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning		
CR-3	To Build spreadsheet skills for data entry, analysis, and visualization																							
CR-4	To effective use of presentation software to create and deliver professional presentations																							
CR-5	To Ensure students can use the internet and email efficiently for communication																							
Outcomes (CO)		At the end of this course, learners will be able to:																						
CO-1	Demonstrate knowledge of computer fundamentals and operating systems					✓			✓	✓	1	90	80	H	M	L	M	L	M	L	M	L	M	M
CO-2	Create and format professional documents using word processing applications					✓	✓	✓	✓	✓	3	85	75	H	H	M	H	M	H	M	M	H	M	H
CO-3	Use spreadsheet software to enter, analyze, and visualize data effectively					✓	✓	✓	✓	✓	4	90	80	H	H	H	H	H	H	H	H	H	H	H
CO-4	Design and present multimedia presentations with appropriate tools					✓	✓	✓	✓	✓	5	85	75	H	H	H	M	H	H	M	H	M	H	H
CO-5	Navigate the internet and utilize email for safe and efficient communication					✓			✓	✓	3	90	80	H	H	H	H	H	H	H	H	H	H	H

Assessment											
Level of Thinking	Continuous Assessment (CA) (50 % weightage)								Final Exam (50 % weightage)		
	CA – 1		CA – 2		CA – 3		CA – 4				
	(25 %)		(25 %)		-		-		Theory	Practice	
	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	
7 Remember									20%	20%	
8 Understand	20%	20%	15%	15%	-	-	-	-			
9 Apply					-	-	-	-	20%	20%	
10 Analyze	20%	20%	20%	20%							
11 Evaluate					-	-	-	-	10%	10%	
12 Create	10%	10%	15%	15%					20%	-	
Total		100 %		100 %		-		-		100 %	

Strategies		
Technology	Pedagogy / Andragogy	Sustainable Development
Simulations	Case Studies	No Poverty
Emulations	Group Discussion	✓ Zero Hunger
Prototypes	Hands-on Practice	✓ Good Health & Well Being
Hands-on Practice Tools	✓ Inquiry Learning	Quality Education
Mathematical Computing Tools	Interactive Lecture	✓ Industry, Innovation, and Infrastructure
Field Visit	Leading Question	✓ Decent Work and Economic Growth
	Mind Map	
	Minute Paper	✓
	Peer Review	✓
	Problem Based Learning	✓

Designers		
Professional Experts	Higher Institution Experts	Internal Experts
Dr.R Thilagavathy, Scientist C, NCDIR-ICMR, Bangalore	Dr. Prasanna Samuel, Associate Professor, Dept of Biostatistics, CMC, Vellore	Mr. Praveen Kumar

Code	PH25201T	Title	Public Health Challenges	Category	C	Core	L	T	P	C
							4	0	0	4

Offering Department	school of Public Health	Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil	Data Book / Codes/Standards	Nil
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Title & Session Outcomes	Communicable Diseases	Non-Communicable Diseases	Maternal, Child and Adolescent Health and Nutrition	Environmental and Occupational Health	Social and Behavioral Health
Duration (hour)	15	15	15	15	15
SO-1	Introduction to infectious Diseases (with examples of most common infections)	Introduction to non-communicable diseases (NCDs) (with some examples)	Importance of Maternal, Child and Adolescent Health	Importance of environmental and occupational health	Introduction to Social and Behavioral Health
SO-2	Vaccine Preventable Diseases (VPDs)	Risk factors of NCDs	Factors of maternal morbidity and mortality	Determinates of environmental health	Determinants of Social and Behavioral Health
SO-3	Emerging and re-emerging infections	Cardiovascular Diseases	Malnutrition and its significance	Air pollution (including in-door air pollution) and its implications	Culture, belief and community practices and their implications on health (Early marriage and genital mutilation)
SO-4	Anti-microbial Resistance	Diabetes Mellitus and other metabolic Disorders	Immunization	Water pollution vs contamination and common water borne diseases	Substance abuse and its public health importance
SO-5	Neglected Tropical Diseases	Common cancers of public health importance	<5 mortality and its determinants	Importance of micro-plastics in health	Access to health care: barriers and facilitators
SO-6	Hospital acquired infections	Respiratory illnesses	Common adolescent health problems (both physical and mental health including teenage pregnancy)	Heat stroke and its importance	Digital abuse and health of the youth
SO-7	Determinants of infectious Diseases	Obesity	Gender issues and its implications in health and healthcare	Urbanization and its implication on health	Social stigma and public health
SO-8	Presentation-I	Common Mental health problems	Presentation-I	Presentation-I	Viva
SO-9	Presentation-II	Presentation-I	Presentation-II	Presentation-II	Viva
SO-10	Presentation-III	Presentation-II	Presentation-III	Presentation-III	Viva

Code	PH25202T	Title	Basic Epidemiology-II				Category	C	Core	L	T	P	C
										4	1	0	5

Offering Department	School of Public Health	Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Basic Epidemiology-III	Data Book / Codes/Standards	Nil
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Title & Session Outcomes	Measuring Mortality	Measuring Morbidity	Indirect Indicators of Health	Disease Surveillance	Screening
Duration (hour)	10	10	10	10	10
SO-1	Definition of morbidity and mortality	Incidence	Fertility Related Indicators	Active Surveillance	Iceberg Phenomenon
SO-2	Crude Death Rate	Prevalence	Nutrition Related Indicators	Passive Surveillance	Screening Criteria
SO-3	Life Expectancy Rate	Point Prevalence	Socio-cultural Indicators	Intensified Surveillance	Approaches of screening
SO-4	Neonatal Mortality Rate	Period Prevalence	Water and Sanitation Related Indicators	Health Information System	Mass Screening
SO-5	<5 Mortality Rate	Challenges in Measuring Morbidity	Healthcare utilization Indicators	Sentinel Surveillance	Targeted Screening
SO-6	Maternal Mortality Ratio	Morbidity Data Sources	Student Assignment: Journal article presentation on Fertility Related Indicators	Integrated Disease Surveillance Project	Opportunistic Screening
SO-7	Proportion mortality Ratio	Student Exercise: Calculation of incidence rate	Student Assignment: Journal article presentation on Nutrition Related Indicators	Integrated Health Information Platform	Screening School Children
SO-8	Human Development Index	Student Exercise: Calculation of prevalence rate	Student Assignment: Journal article presentation on Socio-cultural Indicators	Surveillance of HIV, Malaria, Tuberculosis and Diabetes Mellitus	Screening at Health and Wellness Centre level using Community Based Assessment Checklist
SO-9	Standardized Mortality Rate	Student Exercise: Calculation of point prevalence	Student Assignment: Journal article presentation on Water and Sanitation Related Indicators	Presentation-I	Presentation-I
SO-10	Presentation	Student Exercise: Calculation of period prevalence	Student Assignment: Journal article presentation on Healthcare utilization Indicators	Presentation-II	Presentation-II

Resources				
1	Epidemiology Leon Gordis, 5th Ed. Saunders Philadelphia 2014		2	Basics of Epidemiology, Bonita & Beaglehole. 2nd Edition -WHO, 2007
3	Friis RH, Sellers TA. Epidemiology for public health practice, 4th edit. Boston: Jones & Bartlett Publisher, 2009		4	

Rationale (CR)		The purpose of learning this course is to:				Depth				Attainment			Program Outcomes (PO)											
CR-1	Understand the measurement of morbidity and mortality.					1	2	3	4	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12
CR-2	Highlight the importance of indirect health indicators.																							
CR-3	Strengthen knowledge of disease surveillance systems.																							
CR-4	Introduce the principles and applications of screening.																							
CR-5	Develop practical skills in calculating health indicators.																							

Outcomes (CO)		At the end of this course, learners will be able to:				Conceive	Design	Implement	Operate	Level of Thinking	Expected Proficiency	Expected Attainment (%)	Disciplinary Knowledge	Problem Analysis	Design & Development	Analysis, Design, Modern Tool Usage	Society & Culture	Environment & Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	
CO-1	Define morbidity, mortality, and key health indicators.					✓				1	90	80	H	M	L	M	L	L	L	L	M	L	M
CO-2	Calculate incidence, prevalence, and other epidemiological measures.					✓	✓	✓		3	85	75	H	H	M	H	M	M	M	M	M	M	H
CO-3	Describe the structure and importance of health surveillance systems.					✓	✓		✓	4	90	80	H	H	M	H	M	H	H	H	H	M	H
CO-4	Explain the criteria and approaches to health screening.					✓	✓		✓	5	85	75	H	H	M	H	H	H	H	H	H	H	H
CO-5	Conduct practical exercises on health data analysis and interpretation.					✓	✓	✓	✓	6	90	80	H	H	H	H	H	H	H	H	H	H	H

Assessment										
Level of Thinking	Continuous Assessment (CA) (50 % weightage)								Final Exam (50 % weightage)	
	CA – 1 (25 %)		CA – 2 (25 %)		CA – 3 -		CA – 4 -			
	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
1 Remember										
2 Understand	40%	-	40%	-	-	-	-	-	40%	-
3 Apply		-		-	-	-	-	-		-
4 Analyze	40%		40%						40%	
5 Evaluate					-	-	-	-		
6 Create	20%	-	20%	-					20%	-
Total	100 %		100 %		-		-		100 %	

Strategies		
Technology	Pedagogy / Andragogy	Sustainable Development
Simulations	Case Studies	No Poverty
Emulations	Group Discussion	✓ Zero Hunger
Prototypes	Hands-on Practice	✓ Good Health & Well Being
Hands-on Practice Tools	✓ Inquiry Learning	✓ Quality Education
Mathematical Computing Tools	Interactive Lecture	✓ Gender Equality
Field Visit	Leading Question	✓ Clean Water & Sanitation
	Mind Map	Partnerships for the Goals
	Minute Paper	✓ Reduced inequalities
	Peer Review	✓
	Problem Based Learning	✓

Designers			
Professional Experts		Higher Institution Experts	Internal Experts
	Dr. Jayaprakash Muliyl, ICMR scientific advisory committee, jpmuliyl@gmail.com	1. Dr. Vijay Gopichandran, ESIC Medical College and PGIMSR, vijay.gopichandran@gmail.com	1. Dr. Alex Joseph, SRMIST

Code	PH25203T	Title	Basic Biostatistics -II				Category	C	Core		L	T	P	C
											4	1	0	5

Offering Department	school of Public Health	Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Basic Biostatistics-III	Data Book / Codes/Standards	Nil
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Title & Session Outcomes	Introduction to Inferential Statistics	Basics of Hypothesis Testing	Basics of Measures of Association	Basics of Correlation	Basics of Non-Parametric Tests
Duration (1.5 hours)	10	10	10	10	10
SO-1	Understand the concept and importance of inferential statistics	Understand the concept of hypothesis testing & Differentiate between null and alternative hypotheses	Understand the concept of measures of association in statistics	Define correlation and its importance in understanding relationships	Understand non-parametric tests are and their importance
SO-2	Explain the concept of standard error and its role in statistics	Explain the meaning of p-value and significance levels	Define ratios, proportions, and rates with examples	Differentiate between positive, negative, and no correlation with examples	Explain the Chi-Square test
SO-3	Define confidence intervals and their purpose in making inferences	Learn the steps involved in hypothesis testing	Explain the basics of risk ratio (RR) and odds ratio (OR)	Explain real-life examples of correlation (e.g., study time and test scores)	Learn the basic steps of conducting a Chi-Square test
SO-4	Recognize the importance of statistical inference in health and research	Understand the importance of significance levels in testing hypotheses	Identify when to use RR and OR in health research	Understand the concept of Pearson's correlation coefficient	Understand the advantages of non-parametric tests in health research
SO-5	Explain how confidence intervals are used to measure reliability in results	Identify when to use hypothesis testing in health research	Understand the importance of measures of association in analyzing disease risks	Learn the importance of correlation in health and research	Relate the Chi-Square test to real-world health problems
SO-6	Identify the relationship between a population and a sample in statistical analysis	Apply simple examples of hypothesis testing (e.g., comparing two averages)	Explain how RR and OR are used to compare groups in health studies	Summarize how correlation is used in decision-making in research	Summarize the importance of non-parametric tests in analyzing health data
SO-7	Assignment: Write a short report explaining the importance of confidence intervals in health research	Assignment: Formulate a null and alternative hypothesis for a given research question	Assignment: Practice calculating simple ratios and proportions from sample data	Assignment: Identify three examples of correlations from everyday life and describe whether they are positive, negative, or no correlation	Practical: Practice interpreting results from simple non-parametric tests
SO-8	Practical: small data set, calculate the mean, and explain the concept of standard error and confidence intervals using the data	Practical: Perform a simple hypothesis test comparing two small data sets (e.g., average marks of two groups) and interpret the results	Practical: Use sample health data to calculate and interpret risk ratios and odds ratios for two groups	Practical: Use simple data sets (e.g., height and weight) to identify and interpret types of correlation	Practical: Conduct a simple Chi-Square test using sample data and interpret the results
SO-9-10	Feedback to students	Internal Assessment	Feedback to students	Internal Assessment	Grand Viva

Resources

1	<i>Biostatistics Student solutions manual: A foundation for analysis in the health sciences; Wanye W Daniel, 9th Ed, Wiley Series, 2011</i>	2	<i>Introduction to Biostatistics and Research Methods; PSS Sundar Rao, Richard J, PHIV Learning Ltd 2006</i>
3	<i>Essentials of Biostatistics in Public Health, Lisa M Sullivan 2nd Ed, 2009.</i>	4	<i>High yield Biostatistics, Epidemiology and Public Health, Anthony N Glaster, 4th Ed, Lippincott Williams and Wilkins, 2013</i>

Rationale (CR)		The purpose of learning this course is to:										Depth				Attainment			Program Outcomes (PO)											
CR-1	To develop an understanding of inferential statistics and its applications in health research											1	2	3	4	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12
CR-2	To equip students with knowledge of hypothesis testing and its role in decision-making																													
CR-3	To introduce measures of association for analyzing relationships in health data.																													
CR-4	To help students understand correlation and its practical applications in research.																													
CR-5	To provide knowledge of non-parametric tests for analyzing data with fewer assumptions.																													
Outcomes (CO)		At the end of this course, learners will be able to:										Conceive	Design	Implement	Operate	Level of Thinking	Expected Proficiency	Expected Attainment (%)	Disciplinary Knowledge	Problem Analysis	Design & Development	Analysis, Design, Modern Tool Usage	Society & Culture	Environment & Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning		
CO-1	Explain the concepts and importance of inferential statistics in research											✓				2	90	80	H	M	L	M	L	L	L	L	M	L	H	
CO-2	Formulate and test hypotheses using basic statistical methods.											✓	✓	✓		3	85	75	H	H	M	H	M	L	M	M	M	M	H	
CO-3	Calculate and interpret measures of association like risk ratio and odds ratio											✓	✓	✓		4	90	80	H	H	M	H	M	M	M	M	M	M	H	
CO-4	Identify and analyze relationships between variables using correlation.											✓	✓	✓		4	85	75	H	H	M	M	M	L	L	L	M	M	H	
CO-5	Apply non-parametric tests like the Chi-Square test to solve real-world problems.											✓	✓	✓	✓	5	90	80	H	H	M	H	H	M	M	M	H	M	H	
Assessment												Strategies																		
Level of Thinking	Continuous Assessment (CA) (50 % weightage)										Final Exam (50 % weightage)		Technology		Pedagogy / Andragogy		Sustainable Development													
	CA – 1		CA – 2		CA – 3		CA – 4																							
	(25 %)		(25 %)		-		-																							
	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice																				
1	Remember	40%	-	40%	-																									
2	Understand		-		-	-	-	-	-	-	40%	-																		
3	Apply	40%		40%		-	-	-	-			-																		
4	Analyze										40%																			
5	Evaluate	20%	-	20%	-	-	-	-	-																					
6	Create	10%	10%	15%	15%						20%	-																		
Total		100 %		100 %		-		-		100 %																				
Designers																														
Professional Experts							Higher Institution Experts							Internal Experts																
Dr.R.Thilagavathy, Scientist C, NCDIR-ICMR, Bangalore							Dr. Prasanna Samuel, Associate Professor, Dept of Biostatistics, CMC, Vellore							Dr.H. Gladus Jennifer, Associate Professor, SRMIST																

Course Code	PHAH25201T	Course Name	APPLIED HINDI-II			Course Category	AE	Ability Enhancement Courses (AE)	L	T	P	C
									2	0	0	2
Pre-requisite Courses	Nil		Co-requisite Courses	Nil		Progressive Courses	Nil					
Course Offering Department		HINDI		Data Book / Codes/Standards		Nil						

Course Learning Rationale (CLR): The purpose of learning this course is to:		Learning			Program Learning Outcomes (PLO)																							
CLR-1:	To find and analyze different types of Cinema	1	2	3	Fundamental Knowledge	Application of Concepts	Link with Related Disciplines	Procedural Knowledge	Skills in Specialization	Ability to Utilize Knowledge	Skills in modelling	Fundamental Knowledge	Application of Concepts	Link with Related Disciplines	Procedural Knowledge	Skills in Specialization												
CLR-2:	To Discover the print Media in the present World	Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)																								
CLR-3:	Writing report for Employability																											
CLR-4:	Writing Reviews and Create Job Oriented learning																											
CLR-5:	To Acquire technical words for various job Prospects																											
Course Learning Outcomes (CLO):		At the end of this course, learners will be able to:																										
CLO-1:	To Understand the History and Documentary in Hindi Cinema	2	75	80													H	H	H	M	L	H	L	M	L	L	H	M
CLO-2:	To Comprehend Media Studies	2	80	90													H	H	H	M	L	H	H	M	L	L	H	M
CLO-3:	To Evaluate report Writing	2	75	95													H	H	M	L	H	H	M	H	M	M	H	H
CLO-4:	Enhance their Writing Skills in Media Studies	2	80	90	H	H	L	H	M	H	L	H	H	M	H	H												
CLO-5:	To Understand and usage of technical words in Hindi	2	85	90	M	H	M	H	L	H	H	L	H	M	H	H												

Duration (hour)		9	9	9	9	9
S-1	SLO-1	HINDI CINEMA	MEDIA AUR HINDI BHASHA	REPORTARJ LEKHAN	FILM REVIEW& VIGYAPAN	PARIBHASHIK SHABDAVALI
	SLO-2	CINEMA KI AVDHARNA	AVDHARNA	AVDHARNA	ARTH	RTH
S-2	SLO-1	UDBHAV	SWARUP	SWARUP	ARIBHASHA	ARIBHASHA
	SLO-2	VIKASH	MAHATVA	DDESHYA	WARUP	WARUP
S-3	SLO-1	DOCUMENTRI MOVE KI AVDHARNA	MEDIA MEN BHASHA KA PRAYOG	AHATVA	AWADHARNA	RAKAR
	SLO-2	COMERCIAL MOVE KI AVDHARNA	UTTARDAYITVA	REPORTARJ LEKHAN KE PRATI RUCHI JAGANA	FILM REVIEW KA MAHATTVA	VADHARNA
S-4	SLO-1	PRAYOJAN	PRINT MEDIA	REPORTAJ KI BHUMIKA	VIGYAPAN AUR BAZAR	RAYOJAN
	SLO-2	UDDESHYA	ELECTRONIC MEDIA	PRAYOJAN	VIGYAPAN AUR ROZGAR	DDESHYA
S-5	SLO-1	MAHATVA	MEDIA KI JIMMEDARI	PRAYOG	PRINT VIGYAPAN	AHATVA
	SLO-2	PRAKAR	SMACHAR LEKHAN	UTTARDAYITVA	VIGYAPAN KI BHASHA	RAYOG
S-6	SLO-1	PRISHTHBHUMI	REPORTER KE GUN	RIPOTARJ LEKHAN	AWADHARNA	DDESHYA
	SLO-2	KARYASHALA	SAHAJTA	PUNRIKSHAN	ARTH	AKANIKI SHABDAVALI KA MHATVA
S-7	SLO-1	DOCUMENTRY KI VIDHI	NISPAKSHTA	LEKHAN VIDHI	ARIBHASHA	HINDI SE ANGREZI SHABD
	SLO-2	DOCUMENTRY AUR COMERCIAL MOVE MEN ANTAR	PEET PATRAKARITA	SAMAJIK DAYRA	SWARUP	ANGREZI SE HINDI SHABD
S-8	SLO-1	COMERCIAL KI VIDHI	UTTARDAYITVA	SAHITYA ME RIPOTARJ LEKHAN	VIGYAPAN KE PRAKAR	EK DIN EK SHABD
	SLO-2	MOVE VISLESHAN	BHASHA GYAN	PARIYOJNA KARYA	VIGYAPAN KI VISHESHTAYEN	SHABDON KA VISLESHAN
S-9	SLO-1	PARICHARCHA	PARICHARCHA	PARICHARCHA	VIGYAPAN MANG	PATH PRICHARCHA
	SLO-2	PRASHNABHYASH	PRASHNABHYASH	PRASHNABHYASH	VIGYAPAN KA PRABHAV	PRASHNABHAYASH

Learning Resources	Edited Book: “PRAYOJAN MULOK HINDI”, SRIJONLOK PUBLICATION, 2023, New Delhi.
	1. Film Banti Hai aur Banati Bhi hai, Lekhika – Sonal, Neolit Publication 2. https://navbharattimes.indiatimes.com/entertainment/movie-review/articlelist/2325387.cms?curpg=3 3. https://epustakalay.com/book/4858-hindi-patrakarita-by-dr-krishnbihari-mishra/ 4. https://hindisamay.com/ 5. https://rajbhasha.gov.in/hi/hindi-vocabulary

Learning Assessment											
	Bloom's Level of Thinking	Continuous Learning Assessment (50% weightage)								Final Examination (50% weightage)	
		CLA – 1 (10%)		CLA – 2 (10%)		CLA – 3 (20%)		CLA – 4 (10%)			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	30%	30%	30%	30%	20%	20%	20%	20%	30%	-
	Understand										
Level 2	Apply	40%	50%	50%	40%	50%	50%	50%	50%	50%	-
	Analyze										
Level 3	Evaluate	30%	20%	20%	30%	30%	30%	30%	30%	20%	-
	Create										
	Total	100 %		100 %		100 %		100 %		100 %	

CLA – 4 can be from any combination of these: Assignments, Seminars, Tech Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc.,

Course Designers		
Experts from Industry	Experts from Higher Technical Institutions	Internal Experts
Shri. Santosh Kumar Editor : Srijanlok Magazine Place: Vashishth Nagar, Ara – 802301	1. Prof.(Dr.) S.Narayan Raju, Head, Department of Hindi,CUTN, Tamilnadu	1. Dr.S Preeti. Associate Professor & Head, SRMIST
		2. Dr. Md.S. Islam Assistant Professor, SRMIST
		3.Dr. S. Razia Begum, Assistant Professor, SRM IST
		4, Dr.Nisha Murlidharan Assistant Professor, VDP,SRM IST

Course Code	PHAF25201T	Course Name	French for Specific purpose-II	Course Category	AE	Ability Enhancement Courses (AE)	L	T	P	C
							2	0	0	2

Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil
Course Offering Department	French		Data Book / Codes/Standards	Nil	

Course Learning Rationale (CLR): The purpose of learning this course is to:		Learning			Program Learning Outcomes (PLO)														
CLR-1:	Strengthen the language of the students both in oral and written	1	2	3	Fundamental Knowledge	2	3	4	5	6	7	8	9	10	11	12			
CLR-2:	Express their sentiments, emotions and opinions, reacting to information, situations	Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)															
CLR-3:	Make them learn the basic rules of French Grammar.																		
CLR-4:	Develop strategies of comprehension of texts of different origin																		
CLR-5:	Enable the students to overcome the fear of speaking a foreign language and take position as a foreigner speaking French																		
Course Learning Outcomes (CLO):		At the end of this course, learners will be able to:																	
CLO-1:	To enable the students to overcome the fear of speaking a foreign language and take position as a foreigner speaking French	2	75	80	H	M	H	H	M	H	H	L	M	M	H	L	-	-	-
CLO-2:	To strengthen the knowledge on concept, culture, civilization and translation of French	2	80	90	M	H	L	H	H	M	H	M	L	L	H	M	-	-	-
CLO-3:	To develop content using the features in French language	2	75	80	H	H	L	M	H	M	L	H	M	M	H	H	-	-	-
CLO-4:	To interpret the French language into other language	2	75	90	H	L	M	H	M	H	H	M	L	H	M	L	-	-	-
CLO-5:	To improve the communication, intercultural elements in French language	2	80	75	M	H	H	L	M	M	H	H	M	L	H	M	-	-	-

Duration (hour)		9	9	9	9	9
S-1	SLO-1	TOEIC	Les quantificateurs	Les prépositions de lieu	Les verbes irréguliers	La négation
	SLO-2	Qu'est-ce que c'est/	le génitif	Les activités	le futur et	l'interrogation
S-2	SLO-1	À qui est-il destiné ?	Les adjectifs	Les prépositions de temps -	le conditionnel	Les activités
	SLO-2	Les compétences évaluées	et pronoms possessifs	Les activités	les modaux	l'exclamation
S-3	SLO-1	Le nom	les pronoms	les temps et	La suggestion	Les activités
	SLO-2	Le pluriel des noms	Les pronoms personnels	Les activités	le conseil	l'emphase
S-4	SLO-1	Les indénombrables	les pronoms compléments	les aspects-	Les exemples	Les exemples
	SLO-2	Les noms composés	Les activités	Les activités	le reproche	Les activités
S-5	SLO-1	L'adjectif	pronoms réfléchis	Le présent simple	Les activités	l'impératif
	SLO-2	Les comparatifs	Les activités	Les activités	L'obligation	Les activités
S-6	SLO-1	les superlatifs	les adverbes	Le présent be+ing	la permission	la voix passive
	SLO-2	les articles définis (the)	Les activités	Les activités	l'interdiction	Les exemples
S-7	SLO-1	les articles indéfinis (a, an)	La place de l'adverbe dans la phrase	<i>Les exemples</i>	La capacité	les subordonnées relatives
	SLO-2	Les exemples	Les activités	Le prétérit simple - Le prétérit be+ V-ing	l'incapacité	Les activités
S-8	SLO-1	Les adjectifs	L'ordre des adverbes	Les exemples	les verbes à particule	Les subordonnées circonstancielles
	SLO-2	Les exemples	Les activités	- Le présent perfect be+ing	les verbes suivis de V-ing	Les activités
S-9	SLO-1	pronoms possessifs (this et that)	les prépositions-	Le past perfect simple -	d'un infinitif avec sans to	A ne pas confondre
	SLO-2	Les activités	Les exemples	Le past perfect be + ving -	Les exemples	Les activités

Learning Resources	Theory:
	6. “Réussir le nouveau TOEIC” Détails des épreuves, méthodologie, grammaire, et vocabulaire, Studyrama. 7. https://www.fluentu.com/blog/french/french-grammar 8. https://www.elearningfrench.com/learn-french-grammar-online-free.html 9. https://www.lawlessfrench.com/grammar 10. https://blog.gymglish.com/2022/12/15/basic-french-grammar

		Learning Assessment									
	Bloom's Level of Thinking	Continuous Learning Assessment (50% weightage)								Final Examination (50% weightage)	
		CLA – 1 (10%)		CLA – 2 (10%)		CLA – 3 (20%)		CLA – 4 (10%)			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	30%	30%	30%	30%	20%	20%	20%	20%	30%	-
	Understand										
Level 2	Apply	40%	50%	50%	40%	50%	50%	50%	50%	50%	-
	Analyze										
Level 3	Evaluate	30%	20%	20%	30%	30%	30%	30%	30%	20%	-
	Create										
	Total	100 %		100 %		100 %		100 %		100 %	

CLA – 4 can be from any combination of these: Assignments, Seminars, Tech Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc.,

Course Designers		
Experts from Industry	Expert from Higher Technical Institutions	Internal Experts
1. Mr. Kavaskar Danasegarane Process Expert Maersk Global Service Center Pvt. Ltd	1. Dr. C.Thirumurugan Professor, Department of French, Pondicherry University	1. Mr. Kumaravel K. Assistant Professor & Head, SRMIST, KTR
2.Mr. Sharath Raam Prasad Character Designer,Animaker Company Pvt.		2. Mrs. Abigail, Assistant Professor, SRMIST, VDP

Course Code	PHS25201T	Course Name	English-II	Course Category	S	Skill Enhancement Course	L	T	P	C
							4	0	0	4

Course Learning Rationale (CLR):		The purpose of learning this course is to:		Learning		
CLR-1:	Familiarize students with different rhetorical functions of scientific English	1	2	3		
CLR-2:	Inculcate the habit of writing leading to effective and efficient communication	Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)		
CLR-3:	Develop learners able to recognize and understand the meaning of targeted grammatical structures in written and spoken form					
CLR-4:	Build an elementary understanding of form, meaning and use in varied academic and discourse settings					
CLR-5:	Master the mechanics of writing; the use of correct punctuation marks and capital letters					
CLR-6:	Make meaningful connection between the grammar being introduced and how it works in the writing					
Course Learning Outcomes (CLO):		At the end of this course, learners will be able to:				
CLO-1:	Write effectively and persuasively and produce different types of writing such as narration, description, exposition and argument as well as creative, critical, analytical and evaluative writing.	3	80	75		
CLO-2:	Demonstrate consistent and appropriate language use in extended conversations and discussions.	3	85	80		
CLO-3:	Transfer their knowledge of the structure of English into effective, concise and grammatically correct longer types of writing such as multi-paragraph academic essays and personal journals.	3	85	80		
CLO-4:	Write cohesively and coherently and flawlessly avoiding grammatical errors, using a wide range of vocabulary.	3	75	70		
CLO-5:	Expand their basic understanding of form, meaning, and use in longer discourse settings including academic discourse, and self-edit their oral and written production	3	85	80		
CLO-6:	Write paragraphs and essays which use targeted grammar structures and various rhetorical modes.	3	85	80		

Program Learning Outcomes (PLO)															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Disciplinary Knowledge of English Literature and Literary Studies	Analytical Reasoning	Problem Solving	Research Related Skills	Self-Directing Learning	Environment & Sustainability	Multicultural Competence	Values: moral and Ethical, Literary and Human	Critical Thinking	Digital Literacy	Sense of History	Communication Skills	Life Long Learning	P.S.O 1	P.S.O 2	P.S.O 3
-	-	-	-	H	M		-	H	H		H	H			
-	-	-	-	H	M		-	M	H		H	H			
-	-	-	-	H	M		-	M	H		H	H			
-	-	-	-	H	M		-	M	H		H	H			
-	-	-	-	H	M		-	M	H		H	H			
-	-	-	-	H	M		-	H	M		H	H			

Duration (hour)		Learning Unit-I (Theoretical Concepts)	Learning Unit-II	Learning Unit-III	Learning Unit-IV	Learning Unit-V
S-1	SLO-1	Formation of Words – Prefixes and Suffixes	Adjectives	prepositions Forms of Preposition	Idioms	If-Clause
	SLO-2	Antonyms Formed by Negative Prefixes & Suffixes,	Kinds of Adjectives	Functional Types of Prepositions Omission of Preposition	Idiomatic Phrases	If-Clause
S-2	SLO-1	Kinds of Sentences	Position of Adjectives	Conjunctions Correlative Conjunctions	Noun Phrases, Adjective Phrases	Spotting Errors
	SLO-2	Parts of Speech	Correct Use of Adjectives (Positive, Comparative, Superlative),	Uses of Conjunctions Functional Conjunctions	Adverb Phrases Prepositional Phrases	Spotting Errors
S-3	SLO-1	Noun- Kinds of Noun	Adverbs	Verbs	Verbal Phrases Phrases in pairs	Spellings
	SLO-2	Subject and Predicate	Kinds of Adverb	Kinds of Verbs	Distinction Between Similar Expression	Punctuation and Capital
S-4	SLO-1	The Phrase and the Clause	Position of Adverb	Auxiliary/ Modal Verbs	Proverbs	Figures of Speech
	SLO-2	Pronoun 'It/This' Personal Pronoun Relative Pronoun	Degrees of Adverb	Functions of Auxiliary and Modal Verbs	Proverbs	Figures of Speech
S-5	SLO-1	Compound Relative Pronoun Omission of Relative Pronoun	Verb (Transitive and Intransitive) Mood	Synthesis Simple sentence	Precis Writing	Foreign Words and Phrases
	SLO-2	Reflexive Pronoun Interrogative Pronoun	Articles, Participle, Gerund	Compound sentence & Complex sentence	Paraphrasing	Foreign Words and Phrases
S-6	SLO-1	Auto Biographies	Letter Writing - Formal and Informal	Paragraph Writing	Essay Writing	Story Writing
	SLO-2	Dialogue Writing.	Report Writing.	Comprehension	Essay Writing	Story Writing

Learning Resources	1. Wood, F.T., rev. Flavell, R.H. & Flavel, L.M., Current English Usage, E.L.B.S. 2. O'Driscoll, J., Penguin Advanced Writing Skills, Penguin 3. Collins Cobuild English Language Dictionary, ed. Gwyneth Fox, Rosamund Moon & Penny Stock.. Winston W. Microsoft Excel Data Analysis and Business Modeling (Office 2021 and Microsoft 365). 7th ed. Pearson Education Limited; 2022.	4. Leech, G., A Communicative Grammar of English, E.L.B.S. 5. Kane, T.S., The Oxford Guide to Writing, O.U.P.
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Learning Assessment											
Level	Bloom's Level of Thinking	Continuous Learning Assessment (50% weightage)								Final Examination (50% weightage)	
		CLA – 1 (10%)		CLA – 2 (10%)		CLA – 3 (20%)		CLA – 4 (10%)			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	30%	-	30%	-	30%	-	30%	-	30%	-
	Understand										
Level 2	Apply	40%	-	40%	-	40%	-	40%	-	40%	-
	Analyze										
Level 3	Evaluate	30%	-	30%	-	30%	-	30%	-	30%	-
	Create										
	Total	100 %		100 %		100 %		100 %		100 %	

CLA – 4 can be from any combination of these: Assignments, Seminars, Short Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc.,

Course Designers		
Experts from Industry	Experts from Higher Technical Institutions	Internal Experts
1. R. Harini, Cognizant, harini_ravi@yahoo.in	1. Dr. K. Ganesh, Professor and Head, Madras Christian College, ganeshmckkrish@gmail.com	1. Dr.S.Mahadevan, Asst. Prof. EFL, SRMIST, Kattankulathur
2. Panakal Heera Elizabeth, SRM IST, panakalheeraelizabeth@gmail.com	2. Dr. V. Bharathi Harishankar, Professor and Head, University of Madras, omkarbharathi@gmail.com	2. Dr. Sukanya Saha, Asst. Prof. EFL, SRMIST, Kattankulathur

Course Code	PHS25202P	Title	Computer Applications-II*				Category	C	Core	L	T	P	C
										0	1	6	4

Offering Department	School of Public Health	Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil	Data Book / Codes/Standards	Nil
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Title & Session Outcomes	Advanced Document Layout and File Management	Advanced Excel Applications	Data Visualization Types and Tools	Multimedia Editing and Creation	Introduction to AI and Machine Learning Tools
Duration (hour)	9	9	9	9	9
SO-1	Apply advanced formatting techniques for professional document creation	Apply advanced formulas and functions for data analysis (e.g., VLOOKUP, INDEX/MATCH)	Explain the fundamental concepts and importance of data visualization	Understand the fundamentals of multimedia editing tools	Define basic concepts of AI and machine learning
SO-2	Incorporate multimedia elements into documents to enhance content	Create pivot tables	Identify various data visualization types and their appropriate applications	Edit audio and video files using industry-standard software (e.g., Adobe Premiere Pro, Audacity)	Identify common applications of AI in various fields
SO-3	Create complex tables of contents, indexes, and cross-references	Design macros to automate repetitive tasks within Excel	Understand and create visualizations for numerical data: histograms and scatter plots	Create visual content such as infographics and posters using design software (e.g., Canva, Adobe Photoshop)	Evaluate the performance of simple AI models
SO-4	Optimize document file sizes for sharing and storage	Construct dynamic dashboards using charts, slicers, and form controls	Develop visualizations for categorical data: bar charts and pie charts	Create visual content such as infographics and posters using design software (e.g., Canva, Adobe Photoshop)	Analyze ethical considerations surrounding AI and machine learning
SO-5-6	Design layouts for publishing purposes (e.g., newsletters, brochures)	Apply advanced data sorting and filtering techniques	Design visualizations for time-series data: line charts and area charts	Use advanced features for layering, masking, and effects in video editing	Explore user-friendly AI tools
SO-7-8	SO-7: Utilize file management software for efficient document organization SO-8: Backup and recovery files using local and cloud solutions	Use data validation techniques for error-proof data entry	Customize visual elements, such as colors, labels, and axes, for improved readability	Export multimedia files in various formats suitable for different platforms	SO-7: Communicate the benefits and limitations of using AI in data-driven projects SO-8: Explore the AI Tools applications
SO-9	Feedback to students	Internal Assessment	Feedback to Students	Internal Assessment	Final Exam

Resources		
1	Knaflig, C. N. (2015). <i>Storytelling with Data: A Data Visualization Guide for Business Professionals</i>	Few, S. (2012). <i>Show Me the Numbers: Designing Tables and Graphs to Enlighten</i> (2nd ed.). Analytics Press

Rationale (CR)		Depth				Attainment			Program Outcomes (PO)											
The purpose of learning this course is to:		1	2	3	4	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12
CR-1	Enhance advanced technical skills for data analysis and visualization	Conceive	Design	Implement	Operate	Level of Thinking	Expected Proficiency	Expected Attainment (%)	Disciplinary Knowledge	Problem Analysis	Design & Development	Analysis, Design, Modern Tool Usage	Society & Culture	Environment & Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning		
CR-2	Equip students with practical knowledge in multimedia editing and professional document management																			
CR-3	Foster the ability to apply AI and machine learning tools																			
CR-4	Develop proficiency in managing and securing digital documents and data																			
CR-5	Emphasize students for collaborative and efficient work using modern digital tools																			
Outcomes (CO)		Depth				Attainment			Program Outcomes (PO)											
At the end of this course, learners will be able to:		Conceive	Design	Implement	Operate	Level of Thinking	Expected Proficiency	Expected Attainment (%)	Disciplinary Knowledge	Problem Analysis	Design & Development	Analysis, Design, Modern Tool Usage	Society & Culture	Environment & Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning		
CO-1	Demonstrate advanced data visualization techniques using specialized tools	✓	✓	✓	✓	5	90	80	H	M	H	H	H	L	M	L	M	M	H	
CO-2	Apply complex Excel functions and automation for effective data handling	✓	✓	✓	✓	6	85	75	H	H	H	H	H	L	M	L	M	M	H	
CO-3	Create and edit multimedia content for diverse applications	✓	✓	✓	✓	4	90	80	M	M	H	M	H	L	L	L	H	M	M	
CO-4	Utilize AI and machine learning tools for basic predictive and analytical tasks	✓	✓	✓	✓	6	85	75	H	H	H	H	H	M	M	M	M	H	H	
CO-5	Navigate the document layout, file management, and data security	✓	✓	✓	✓	5	90	80	H	M	H	M	H	L	M	M	H	H	H	

Assessment											
Level of Thinking	Continuous Assessment (CA) (50 % weightage)								Final Exam (50 % weightage)		
	CA – 1		CA – 2		CA – 3		CA – 4				
	(25 %)		(25 %)		-		-				
	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	
1	Remember	20%	20%	15%	15%	-	-	-	-	20%	20%
2	Understand										
3	Apply	20%	20%	20%	20%	-	-	-	-	20%	20%
4	Analyze										
5	Evaluate	10%	10%	15%	15%	-	-	-	-	10%	10%
6	Create										
Total		100 %		100 %		-		-		100 %	

Strategies			
Technology		Pedagogy / Andragogy	
Simulations		Case Studies	No Poverty
Emulations		Group Discussion	✓ Zero Hunger
Prototypes		Hands-on Practice	✓ Good Health & Well Being
Hands-on Practice Tools	✓	Inquiry Learning	Quality Education ✓
Mathematical Computing Tools		Interactive Lecture	✓ Industry, Innovation, and Infrastructure ✓
Field Visit		Leading Question	✓ Decent Work and Economic Growth ✓
		Mind Map	
		Minute Paper	✓
		Peer Review	✓
		Problem Based Learning	✓

Designers		
Professional Experts	Higher Institution Experts	Internal Experts
Dr.R Thilagavathy, Scientist C, NCDIR-ICMR, Bangalore	Dr. Prasanna Samuel, Associate Professor, Dept of Biostatistics, CMC, Vellore	Dr. Prakash Dr. Dhivya