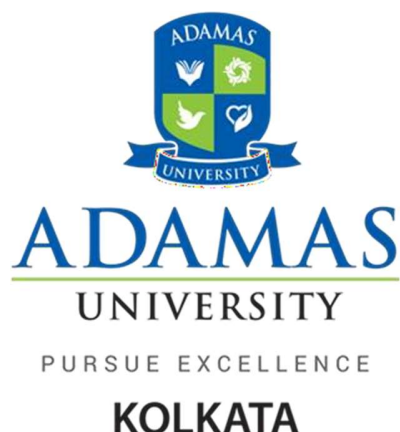
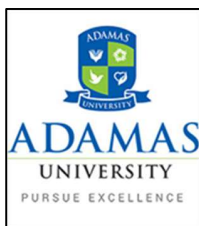




**ADAMAS UNIVERSITY
SCHOOL OF LIFE SCIENCE
AND BIOTECHNOLOGY
Department of Biological Sciences
M.Sc. (Biochemistry)
NEP compliant curriculum
(2026-28)
Programme Code – BIC4201**



**ADAMAS UNIVERSITY, KOLKATA
SCHOOL OF LIFE SCIENCE AND BIOTECHNOLOGY
DEPARTMENT OF BIOLOGICAL SCIENCES**

VISION OF THE UNIVERSITY

To be an internationally recognized university through excellence in inter-disciplinary education, research and innovation, preparing socially responsible well-grounded individuals contributing to nation building.

MISSION STATEMENTS OF THE UNIVERSITY

M.S 01: Improve employability through futuristic curriculum and progressive pedagogy with cutting-edge technology

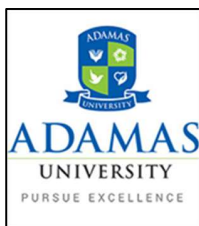
M.S 02: Foster outcomes-based education system for continuous improvement in education, research and all allied activities

M.S 03: Instill the notion of lifelong learning through culture of research and innovation

M.S 04: Collaborate with industries, research centres and professional bodies to stay relevant and up-to-date

M.S 05: Inculcate ethical principles and develop understanding of environmental and social realities

CHANCELLOR / VICE CHANCELLOR



**ADAMAS UNIVERSITY, KOLKATA
SCHOOL OF LIFE SCIENCE AND BIOTECHNOLOGY
DEPARTMENT OF BIOLOGICAL SCIENCES**

VISION OF THE SCHOOL

To achieve global standard and **excellence in research** on various **interdisciplinary and multidisciplinary domains** of biological sciences through **biotechnological innovation** along with **producing global citizens** as graduates by **intensive teaching learning process** who would be vanguard to **sustainable societal development**.

MISSION STATEMENTS OF THE SCHOOL

M.S 01: To disseminate knowledge of life science and biotechnology for scholarly progression, intellectual development and strive for innovation.

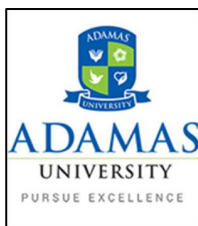
M.S 02: To enable latest skill sets in the domain of microbiology, biotechnology, biochemistry (biological sciences) with ability to evolve and engage in learn-unlearn and relearn, being a lifelong learner.

M.S 03: To establish state of art infrastructure and research ambiance in attracting the best minds to serve under the single roof of school of life science and biotechnology in undertaking scientific investigation of social relevance.

M.S 04: To inculcate values, culture along with scientific knowledge to foster the spirit of self-reliance and entrepreneurship development.

Rudraprasad Saha

DEAN / SCHOOL CONCERNED



**ADAMAS UNIVERSITY, KOLKATA
SCHOOL OF LIFE SCIENCE AND BIOTECHNOLOGY
DEPARTMENT OF BIOLOGICAL SCIENCES**

VISION OF THE DEPARTMENT

To achieve excellence in microbiological education and research for societal development through innovation and producing technologically sound graduates as global citizen fostering life-long learning.

MISSION STATEMENTS OF THE DEPARTMENT

M.S 01: Adopt and implement latest curriculum in microbiology with futuristic approach and innovative pedagogy fostering knowledge, intellectual and skill development.

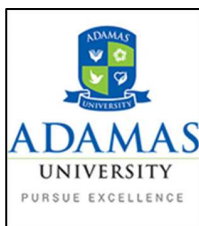
M.S 02: To enable and enhance microbiological skill sets through rigorous training and research through multidisciplinary approach.

M.S 03: To cater professional and societal need of cutting-edge microbiological research through collaboration and industry-academic partnership.

M.S 04: To inculcate values, culture along with microbiological knowledge to foster the spirit of self-reliance and entrepreneurship development.

HOD

DEAN / SCHOOL CONCERNED



**ADAMAS UNIVERSITY, KOLKATA
SCHOOL OF LIFE SCIENCE AND BIOTECHNOLOGY
DEPARTMENT OF BIOLOGICAL SCIENCES**

Name of the Programme: M.Sc. (Biochemistry)

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO 01 : Ability to do research, comprehend fundamentals and expertise in the domain.

PEO 02 : Acquainted with tools and technology related to the field of study.

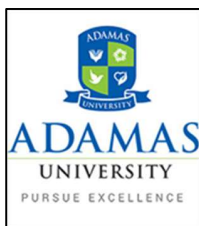
PEO 03 : Ability to find routes of solution of existing scientific problems of the domain through identification of research gaps.

PEO 04 : Develop as professional aspirants and sustainable learners.

PEO 05 : Global outlook with imbibed human values

HOD

DEAN / SCHOOL CONCERNED



**ADAMAS UNIVERSITY, KOLKATA
SCHOOL OF LIFE SCIENCE AND BIOTECHNOLOGY
DEPARTMENT OF BIOLOGICAL SCIENCES**

Name of the Programme: M.Sc. (Biochemistry)

GRADUATE ATTRIBUTE / PROGRAMME OUTCOME (PO)

GA 01/ PO 01: Develop research approaches to meet the scientific gaps on microbiology and allied interdisciplinary or multidisciplinary fields.

GA 02/ PO 02: Foster the knowledge and skills in microbiology to identify and approach towards suitable solution.

GA 03/ PO 03: Ability to salvage significant biological data for meaningful solution.

GA 04/ PO 04: Develop skill set related to microbiology and allied fields

GA 05/ PO 05: Familiarized with latest and advanced tools and techniques of microbiology.

GA 06/ PO 06: Investigate an existing problem to find a suitable solutions, beneficial to the society.

GA 07/ PO 07: Strong basic knowledge to support diversification in applied field of microbiology.

GA 08/ PO 08: Ability to set career and professional goals based on a proper career planning process.

GA 09/ PO 09: Develop capacity to uphold integrity and collaborative approach in workplace.

GA 10/ PO 10: To accept and implement changes in learning towards a sustainable development through learn, unlearn-relearn approach.

GA 11/ PO 11: Practice ethical philosophies and systems in creating and partnering a progressive society.

GA 12/ PO 12: Develop as global citizen to contribute in the greater benefits of humanity.

HOD

DEAN / SCHOOL CONCERNED

Program Structure for 2-year Postgraduate Programs with Exit Option 1st Year of PG curricular structure for 2-year PG Programmes (3+2)

1 st Year								
SEMESTER I								
S. No.	Type of Course	Code	Title of the Course	Contact Hours Per Week				Remarks
				L	T	P	C	
1	CC	BIC455	Enzymology and Physiology	2	1	1	4	CC-1
2	CC	MIB456	Bioenergetics and Metabolism	2	1	1	4	CC-2
3	CC	MIB457	Ecology and evolution	3	1	0	4	CC-3
4	DSE	MIB458	Computational Biology	2	1	1	4	DSE-1
		MIB461	Environmental Impact Assessment					
		MIB462	Bioimaging					
	MDE	To be chosen from the pool of elective courses of other departments / SWAYAM MOOC courses approved by the department				MDE-1		
5	RM	MIB459	Biostatistics and Research methodology	3	1	0	4	RM
6	AEC	AEC408 / AEC409 / AEC410	French I / German I / Spanish I	2	0	0	2	AEC-1
7	SEC	MIB460	Drug-Design and Development	2	0	0	2	SEC-1
8	SEC	CLL551	Advanced Soft Skills & Aptitude I	0	0	1	1	General SEC – 1
Semester Credits							25	

SEMESTER II								
1	CC	BIC457	Microbiology	2	1	1	4	CC-4
2	CC	BIC458	Clinical Biochemistry	2	1	1	4	CC-5
3	CC	MIB465	Applied Molecular Biology	2	1	1	4	CC-6
4	DSE	MIB466	Infection Biology and Immunology	2	1	1	4	DSE-2
		BIC459	Stem cell biology					
5	MDE		To be chosen from the pool of elective courses of other departments / SWAYAM MOOC courses approved by the department				4	MDE-2
6	AEC	AEC503 / AEC504 / AEC505	French II / German II / Spanish II	2	0	0	2	AEC-2
7	SEC	MIB467	AI in Biology	2	0	0	2	SEC-2
8	SEC	CLL552	Advanced Soft Skills & Aptitude II	0	0	1	1	General SEC – 2
Semester Credits							25	
Exit option with Post-Graduate Diploma after the first year or two semesters with the completion of courses equivalent to 50 Credits								

Specialisations Offered –

•	Toxicology
#	Diagnostics
Δ	Quality Management Systems

2 nd Year									
SEMESTER III									
Sr. No	Type of Course	Code	Title of the Course		Contact Hours Per Week				Remarks
					L	T	P	C	
1	CC	BIC501	Plant and Agricultural Biochemistry		2	1	1	4	CC-7
2	CC	MIB502	Bioanalytical Techniques		2	1	1	4	CC-8
3	DSE	MIB503	•	Natural Products and Toxicology	2	1	1	4	DSE-3
		BIC502	#	Molecular Diagnostics					
		MIB504	Δ	Food and Pharmaceutical Microbiology					
	MDE		To be chosen from the pool of elective courses of other departments / SWAYAM MOOC courses approved by the department						
4	CC	MIB506	•	Research Approaches in Environmental Toxicology	2	0	0	2	CC-9
		BIC503	#	Critical Reading and Writing in Molecular Epidemiology					
		MIB507	Δ	Research Practices in Microbial Safety and Sustainability in Food Systems					
5	INT	BIC504	Internship		2	0	0	2	INT
6	SEC	CLL651	Advanced Soft Skills & Aptitude III		0	0	1	1	General SEC – 3
7	Research	BIC505	Dissertation Part I*		0	0	6	6	RP-1
Semester Credits								23	

SEMESTER IV									
1	CC	MIB510		Bioethics and IPR	3	1	0	4	CC-10
2	DSE	MIB511	•	Environmental Monitoring and Surveillance	3	1	0	4	DSE-4
		BIC506	#	Histology and Biomarker Analyses					
		MIB512	Δ	Quality Management Systems					
4	ENT	MIB514		Innovations and Entrepreneurship in Biotechnology	2	0	0	2	
5	Project	BIC507		Dissertation Part II**	0	0	12	12	RP-1
Semester Credits								22	

For 2 yrs (Coursework + Research):

Semester	1	2	3	4	Total
Credits	25	25	23	22	95
Total Yearly	50		45		

Specialisations Offered -

•	Toxicology
#	Diagnostics
Δ	Quality Management Systems

2 nd Year									
SEMESTER III									
Sr. No	Type of Course	Code	Title of the Course		Contact Hours Per Week				Remarks
					L	T	P	C	
1	CC	MIB502	Bioanalytical Techniques		2	1	1	4	CC-8
2	DSE	MIB503	•	Natural Products and Toxicology	2	1	1	4	DSE-3
		BIC502	#	Molecular Diagnostics					
		MIB504	Δ	Food and Pharmaceutical Microbiology					
	MDE	To be chosen from the pool of elective courses of other departments / SWAYAM MOOC courses approved by the department							
3	CC	MIB506	•	Research Approaches in Environmental Toxicology	2	0	0	2	CC-9
		BIC503	#	Critical Reading and Writing in Molecular Epidemiology					
		MIB507	Δ	Research Practices in Microbial Safety and Sustainability in Food Systems					
4	SEC	CLL651	Advanced Soft Skills & Aptitude III		0	0	1	1	General SEC – 3
5	Research	BIC508	Research Project Part I*		0	0	6	12	RP-1
Semester Credits								23	

SEMESTER IV								
1	SEC	BIC509	Field Project in Biochemistry	0	0	2	2	SEC-1
2	Research	BIC510	Research Project Part II**	0	0	20	20	RP-2
Semester Credits							22	

For 2 yrs (Research):

Semester	1	2	3	4	Total
Credits	25	25	23	22	95
Total Yearly	50		45		

*The following **four** outcomes must be achieved by the end of III Semester

- 1) Research Problem identification
- 2) Review of literature
- 3) Research design formulation
- 4) **Phase I** of research (for e.g. Initial phase of research experimentation, completion of pilot project etc.)

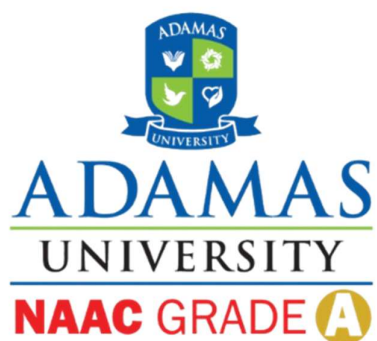
The following **three outcomes must be achieved by the end of IV Semester

- 1) **Phase II** of research - Final phase of experimentation/ fieldwork
- 2) Dissertation/ project report submission
- 3) Attain **at least one** of the following outcomes:
 - i) Developed a prototype or product which meets the **Technology Readiness Level 3/4** (TRL-3 or TRL-4) as defined by CSIR
 - ii) Publication/submission with proof, in Scopus/Equiv. indexed journals #
 - iii) Patent
 - iv) Any other scholastic work as recommended by the University R&D Cell and approved by the Academic Council
 - v) Publication of a book by a reputed publisher (National/International) as recommended by the R&D Cell and approved by the Academic Council.

Publication must be in Scopus indexed journals and the authors have to be the student concerned and his/her supervisor(s). All PG dissertation should comply with the guidelines set by R&D Cell and duly approved by the Academic Council.

List of MDE Courses Offered by Dept. of Biological Sciences

Semester	Course Code	Course Name	Credit Distribution			Credits
			L	T	P	
I	MIB469	Biosafety and Bioethics	3	1	0	4
II	BIC456	Indian Traditional Medicine	3	1	0	4
	BIC460	Nutritional Biochemistry and Health Physiology	3	1	0	4
III	MIB521	Biomedical Nanotechnology	3	1	0	4



**INTEGRATED POST-GRADUATE SYLLABUS
OF SOFT SKILL AND APTITUDE
OF YEAR 2026 ONWARDS**

ACKNOWLEDGEMENT

The successful development and implementation of the university-wide framework and syllabus for **Communicative English, Soft Skills and Aptitude at Adamas University** has been a result of collective vision, academic excellence, institutional support, and unwavering commitment from numerous leaders, academicians, and professionals. This endeavor reflects the University's dedication to preparing students for academic success, professional competence, and lifelong learning.

At the outset, I express my deepest gratitude to the **Hon'ble Chancellor of Adamas University** for providing visionary leadership and fostering an academic environment that encourages innovation, excellence, and industry relevance. His commitment to holistic education has been a guiding force behind initiatives aimed at enhancing student employability and professional growth.

I extend my sincere thanks to the **Vice Chancellor** for his constant encouragement and steadfast support throughout the conceptualization and development of this framework. His emphasis on academic rigor, interdisciplinary collaboration, and outcome-based education greatly influenced the direction and structure of the syllabus.

I am equally grateful to the **Pro Vice Chancellor** for offering valuable guidance and insightful suggestions during various stages of the curriculum development process. His proactive involvement and commitment to academic quality helped ensure that the framework remains contemporary, practical, and aligned with emerging educational and industry requirements.

My heartfelt appreciation goes to the **Dean of Academics**, whose academic expertise and constructive feedback played a pivotal role in refining the curriculum structure. The Dean's continuous support helped maintain the highest standards of curriculum design while ensuring alignment with institutional learning outcomes.

I would also like to acknowledge the invaluable contributions of the **Deans of all Schools of Adamas University**. Their diverse perspectives, academic insights, and recommendations enabled the development of a curriculum that caters to the varied needs of students across disciplines. Their active participation ensured that the framework remained relevant, inclusive, and responsive to the expectations of different academic domains.

Special thanks are extended to the **Heads of Departments of all Schools**, whose practical suggestions and discipline-specific inputs significantly enriched the syllabus. Their understanding of student needs, industry expectations, and subject-specific competencies helped create a robust and application-oriented framework that can effectively support learners from diverse academic backgrounds.

I express my profound gratitude to **Professor Abhijit Giri, Senior Vice President of the Career Development Cell (CDC)**, and all the members of CDC for their invaluable guidance and unwavering support. Their extensive experience in student development, employability enhancement, and placement readiness provided critical insights that helped shape the aptitude and professional skill development components of the curriculum. Prof. Giri's vision and commitment to preparing students for successful careers have been instrumental in strengthening the framework.

I would like to convey my sincere appreciation to Mr. Siladitya Basuray, the **Honorary Advisor of the Centre for Lifelong Learning (CLL)** for his strategic guidance and expert advice throughout the development process. His deep understanding of industry expectations and emerging workforce requirements helped ensure that the curriculum remains professionally relevant and future focused.

A special note of gratitude is due to the Co-ordinator of CLL, **Ms. Arpita Biswas**, for her relentless efforts, dedication, and meticulous attention to detail throughout the project. Her tireless coordination, consistent follow-ups, and commitment to excellence significantly contributed to the successful completion of this initiative. Her perseverance and hard work were instrumental in transforming ideas and discussions into a structured and comprehensive curriculum framework.

I also extend my heartfelt thanks to the **faculty members of the Centre for Lifelong Learning (CLL)** for their enthusiastic participation, collaborative spirit, and valuable contributions. Their collective expertise, thoughtful suggestions, and continuous engagement in curriculum planning, content development, and academic discussions enriched every stage of the process. Their dedication to student learning and professional development played a crucial role in shaping meaningful and impactful syllabus.

Finally, I acknowledge all academic leaders, faculty members, industry experts, and stakeholders whose encouragement, feedback, and support contributed to the successful development of this framework. Their collective wisdom and commitment have enabled the creation of a comprehensive curriculum that integrates communication competence, professional skills, aptitude development, and industry readiness.

This syllabus stands as a testament to what can be achieved when visionary leadership, academic expertise, institutional collaboration, and shared commitment come together with a common objective—to empower students of Adamas University with the knowledge, skills, and confidence required to excel in their academic, professional, and personal journeys.

Saswati Ghosh Bose

(Academic Head of CLL)

COURSE SUMMARY

Programme	Semester I	Semester II	Semester III	Semester IV
B.Ed. Program	Advance Soft Skills and Aptitude – I (EDN51243)	Advance Soft Skills and Aptitude – II (EDN51246)	Not Applicable	Advance Soft Skills and Aptitude – IV (EDN52224)
MBA Program	Advanced Soft Skills & Aptitude – I (CLL101)	Advanced Soft Skills & Aptitude – II (CLL102)	Advanced Soft Skills & Aptitude – III (CLL103)	Advanced Soft Skills & Aptitude – IV (CLL104)
All M.A. and M.Sc. programs	Advanced Soft Skills & Aptitude – I (CLL551)	Advanced Soft Skills & Aptitude – II (CLL552)	Advanced Soft Skills & Aptitude – III (CLL651)	Not Applicable
M. Tech program	Advanced Soft Skills & Aptitude – I (CLL11109)	Advanced Soft Skills & Aptitude – II (CLL11110)	Advanced Soft Skills & Aptitude – III (CLL11111)	Not Applicable
M. Pharm, MCA, M. Com programs	Advanced Soft Skills & Aptitude – I (CLL751)	Advanced Soft Skills & Aptitude – II (CLL752)	Advanced Soft Skills & Aptitude – III (CLL851)	Not Applicable
LL.M Program	Communicative English for Professionals – I (LWJ21201) Communicative Aptitude for Professionals – I (LWJ21205)	Communicative English for Professionals – II (LWJ21202) Communicative Aptitude for Professionals – II (LWJ21206)	Communicative English for Professionals – III (LWJ21203) Communicative Aptitude for Professionals – III (LWJ21207)	Not Applicable

ADVANCED SOFT SKILLS & APTITUDE FOR M. PHARM, M. COM AND MCA PROGRAMS

SEMESTER I: Advanced Soft Skills & Aptitude – I

Course Code: CLL751

Contact Hours: 30 Hours

SOFT SKILL

Module 1: Advanced Scientific Communication & Professional Writing (5 Hours)

1. Academic and scientific communication fundamentals
2. Technical writing for scientific disciplines
3. Research abstract and synopsis writing
4. Scientific presentation and seminar communication
5. Professional communication in research and laboratory environments

Module 2: Professional Effectiveness & Research Readiness (5 Hours)

1. Self-leadership and professional accountability
2. Research ethics and academic integrity
3. Time management for researchers and professionals
4. Professional behaviour in academic and laboratory environments
5. Adaptability and interdisciplinary collaboration

Module 3: Scientific Collaboration & Analytical Thinking (5 Hours)

1. Teamwork in research and scientific projects
2. Critical thinking and evidence-based reasoning
3. Scientific problem-solving approaches
4. Decision-making in laboratory and research environments
5. Professional networking and collaborative research culture

Course Outcomes-

CO1: Demonstrate effective scientific communication, technical writing and presentation skills in academic, research and professional environments.

CO2: Apply professional ethics, self-management, collaboration and research-oriented workplace competencies effectively.

CO3: Develop critical thinking, scientific problem-solving and interdisciplinary teamwork skills required for higher education and industry.

APTITUDE

Module 1: Quantitative Aptitude Foundations

(5 Hours)

1. Numerical reasoning and quantitative interpretation
2. Percentages, ratios and proportional reasoning
3. Scientific and research-based calculations
4. Quantitative comparison techniques
5. Structured problem-solving methodologies

Module 2: Logical Reasoning & Data Interpretation

(5 Hours)

1. Analytical reasoning techniques
2. Series and pattern analysis
3. Graphical and tabular data interpretation
4. Logical deduction methodologies
5. Research-oriented analytical reasoning

Module 3: Research Aptitude Foundations

(5 Hours)

1. Critical analysis of information
2. Observation and interpretation techniques
3. Evidence-based reasoning approaches
4. Structured decision-making methodologies
5. Introduction to research aptitude and analytical assessment

Course Outcomes -

CO1: Apply quantitative aptitude and numerical reasoning techniques to solve academic and research-oriented analytical problems.

CO2: Demonstrate logical reasoning, data interpretation and analytical decision-making abilities.

CO3: Develop research aptitude, critical evaluation and evidence-based reasoning skills.

Contact Hours: 30 Hours

SOFT SKILLS

Module 1: Advanced Professional Communication (5 Hours)

1. Scientific presentations and conference communication
2. Research paper communication techniques
3. Technical discussions and professional articulation
4. Scientific documentation practices
5. Digital communication in academic and professional settings

Module 2: Leadership & Professional Competencies (5 Hours)

1. Leadership in research and professional teams
2. Conflict resolution and stakeholder management
3. Professional decision-making
4. Workplace professionalism and ethics
5. Cross-functional collaboration and coordination

Module 3: Innovation, Creativity & Research Management (5 Hours)

1. Innovation mindset development
2. Research project coordination
3. Problem-solving in multidisciplinary environments
4. Design thinking and innovation approaches
5. Research productivity enhancement

Course Outcomes -

CO1: Demonstrate advanced professional communication and scientific documentation competencies.

CO2: Apply leadership, workplace professionalism, conflict management and collaborative decision-making skills.

CO3: Develop innovation, creativity and research management capabilities for multidisciplinary professional environments.

APTITUDE

Module 1: Intermediate Quantitative Aptitude

(5 Hours)

1. Algebraic reasoning
2. Averages and analytical calculations
3. Probability fundamentals
4. Quantitative comparison techniques
5. Applied problem-solving methodologies

Module 2: Advanced Logical Reasoning

(5 Hours)

1. Critical reasoning
2. Logical deduction
3. Analytical decision-making
4. Data sufficiency concepts
5. Structured interpretation methodologies

Module 3: Scientific Data Analysis Aptitude

(5 Hours)

1. Statistical interpretation
2. Research data evaluation
3. Scientific data interpretation
4. Analytical assessment techniques
5. Evidence-based reasoning

Course Outcomes

CO1: Apply intermediate quantitative and analytical reasoning techniques to solve complex problems.

CO2: Demonstrate logical deduction, statistical interpretation and data analysis capabilities.

CO3: Develop evidence-based analytical reasoning for academic, research and professional applications.

Contact Hours: 30 Hours

SOFT SKILLS

Module 1: Research Communication & Professional Visibility (5 Hours)

1. Research proposal communication
2. Publication-oriented writing practices
3. Scientific interviewing and professional interactions
4. Academic networking and professional branding
5. Research dissemination strategies

Module 2: Strategic Professional Skills (5 Hours)

1. Executive communication skills
2. Professional leadership and influence
3. Strategic decision-making
4. Organizational effectiveness
5. Career planning and lifelong learning strategies

Module 3: Industry & Research Readiness (5 Hours)

1. Industry-academia collaboration awareness
2. Research commercialization fundamentals
3. Innovation and entrepreneurship orientation
4. Professional adaptability in emerging sectors
5. Advanced workplace readiness

Course Outcomes -

CO1: Demonstrate advanced research communication and professional visibility competencies.

CO2: Apply strategic leadership, executive communication and organizational effectiveness skills.

CO3: Develop industry readiness, innovation orientation and professional adaptability for advanced careers.

APTITUDE

Module 1: Advanced Quantitative Aptitude

(5 Hours)

1. Advanced numerical reasoning
2. Statistical reasoning techniques
3. Applied quantitative analysis
4. Research-oriented quantitative interpretation
5. Strategic analytical problem-solving

Module 2: Advanced Analytical & Critical Reasoning

(5 Hours)

1. Complex reasoning techniques
2. Analytical evaluation approaches
3. Decision-making under uncertainty
4. Logical assessment methodologies
5. Advanced critical thinking

Module 3: Placement & Competitive Aptitude Readiness

(5 Hours)

1. Research entrance examination aptitude
2. Fellowship and competitive examination readiness
3. Placement-oriented aptitude assessment
4. Interview-linked analytical reasoning
5. Professional analytical effectiveness

Course Outcomes -

CO1: Apply advanced quantitative and analytical reasoning techniques in research and professional environments.

CO2: Demonstrate critical evaluation, strategic decision-making and advanced logical reasoning competencies.

CO3: Develop placement, fellowship and competitive examination readiness through structured aptitude preparation.

ADVANCED SOFT SKILLS & APTITUDE FOR ALL M.A. AND M.SC PROGRAMS

SEMESTER I: Advanced Soft Skills & Aptitude – I

Course Code: CLL551

Contact Hours: 30 Hours

SOFT SKILLS

Module 1: Academic, Technical & Professional Communication

(5 Hours)

1. Academic, technical and professional communication fundamentals
2. Scholarly and technical writing practices
3. Critical reading and information analysis
4. Academic presentations and technical demonstrations
5. Professional documentation and referencing practices

Module 2: Personal Effectiveness & Professional Identity

(5 Hours)

1. Self-awareness and professional growth
2. Goal setting and career planning
3. Academic ethics and professional integrity
4. Time management and productivity enhancement
5. Professional conduct in academic and workplace environments

Module 3: Critical Thinking & Collaborative Learning

(5 Hours)

1. Critical thinking and analytical reasoning
2. Evidence-based argumentation
3. Interdisciplinary teamwork and collaboration
4. Problem-solving in professional and social contexts
5. Professional networking and stakeholder engagement

Course Outcomes -

CO1: Demonstrate effective academic, technical and professional communication skills in higher education and workplace environments.

CO2: Apply professional ethics, self-management and career development strategies effectively.

CO3: Develop critical thinking, teamwork and collaborative problem-solving competencies.

APTITUDE

Module 1: Quantitative & Analytical Foundations

(5 Hours)

1. Numerical reasoning fundamentals
2. Percentages, ratios and proportional reasoning
3. Quantitative comparison techniques
4. Data interpretation basics
5. Analytical problem-solving approaches

Module 2: Logical Reasoning Fundamentals

(5 Hours)

1. Verbal reasoning techniques
2. Analytical reasoning methods
3. Logical deduction approaches
4. Pattern recognition and series analysis
5. Decision-making fundamentals

Module 3: Research Aptitude Foundations (5 Hours)

1. Observation and interpretation techniques
2. Critical evaluation of information
3. Evidence-based reasoning
4. Research-oriented analytical thinking
5. Academic aptitude fundamentals

Course Outcomes -

CO1: Apply quantitative and analytical reasoning techniques to solve academic and workplace problems.

CO2: Demonstrate logical reasoning and structured decision-making abilities.

CO3: Develop foundational research aptitude and analytical thinking skills.

Contact Hours: 30 Hours

SOFT SKILLS

Module 1: Professional, Institutional & Technical Communication (5 Hours)

1. Professional communication in organizational environments
2. Technical and project documentation practices
3. Professional report and proposal writing
4. Presentation and stakeholder communication
5. Communication in institutional and technology-driven workplaces

Module 2: Leadership & Professional Competencies (5 Hours)

1. Leadership and team management
2. Stakeholder engagement and relationship management
3. Conflict resolution and negotiation skills
4. Ethical decision-making and professional responsibility
5. Cross-functional collaboration and coordination

Module 3: Research, Innovation & Project Management (5 Hours)

1. Research project planning and execution
2. Innovation and design thinking
3. Project management fundamentals
4. Interdisciplinary collaboration techniques
5. Professional project implementation strategies

Course Outcomes -

CO1: Demonstrate effective communication in institutional, organizational and technical contexts.

CO2: Apply leadership, negotiation and stakeholder management skills in professional settings.

CO3: Develop research, innovation and project management competencies.

APTITUDE

Module 1: Intermediate Quantitative Aptitude

(5 Hours)

1. Applied quantitative reasoning
2. Averages and analytical calculations
3. Quantitative data interpretation
4. Statistical reasoning fundamentals
5. Applied problem-solving techniques

Module 2: Advanced Logical Reasoning

(5 Hours)

1. Critical reasoning approaches
2. Logical deduction techniques
3. Analytical decision-making
4. Data sufficiency concepts
5. Structured interpretation methodologies

Module 3: Applied Research Aptitude

(5 Hours)

1. Research methodology aptitude
2. Analytical interpretation techniques
3. Case analysis and evaluation
4. Evidence-based decision-making
5. Applied research reasoning

Course Outcomes -

CO1: Apply intermediate quantitative and analytical reasoning techniques to solve complex problems.

CO2: Demonstrate advanced logical and critical reasoning abilities.

CO3: Develop applied research aptitude for academic and professional contexts.

Contact Hours -30 Hours

SOFT SKILLS

Module 1: Advanced Academic, Technical & Professional Communication

(5 Hours)

1. Research publication and scholarly writing
2. Conference, seminar and professional presentations
3. Academic and professional networking
4. Professional branding and digital visibility
5. Advanced communication for leadership roles

Module 2: Strategic Leadership, Innovation & Organizational Effectiveness

(5 Hours)

1. Strategic leadership and influence
2. Organizational communication and effectiveness
3. Innovation and change management
4. Institutional development strategies
5. Career advancement and professional growth

Module 3: Research, Innovation & Professional Readiness

(5 Hours)

1. NET/SET/JRF and higher education readiness
2. Research communication and publication practices
3. Industry and organizational readiness
4. Innovation, consultancy and entrepreneurship
5. Lifelong learning and professional development

Course Outcomes -

CO1: Demonstrate advanced academic, technical and professional communication competencies.

CO2: Apply strategic leadership, innovation and organizational effectiveness skills.

CO3: Develop readiness for higher education, research, entrepreneurship and professional careers.

APTITUDE

Module 1: Advanced Quantitative Aptitude

(5 Hours)

1. Advanced numerical reasoning
2. Statistical interpretation techniques
3. Quantitative data evaluation
4. Strategic quantitative decision-making
5. Advanced analytical problem-solving

Module 2: Advanced Analytical & Critical Reasoning

(5 Hours)

1. Complex reasoning techniques
2. Critical evaluation methodologies
3. Decision-making under uncertainty
4. Policy and organizational analysis
5. Strategic analytical thinking

Module 3: Competitive, Placement & Research Aptitude Readiness

(5 Hours)

1. Competitive examination aptitude
2. Research aptitude enhancement
3. Placement-oriented aptitude preparation
4. Interview-linked analytical reasoning
5. Professional assessment readiness

Course Outcomes -

CO1: Apply advanced quantitative and analytical reasoning skills in academic and professional environments.

CO2: Demonstrate critical evaluation, strategic thinking and decision-making competencies.

CO3: Develop readiness for competitive examinations, research, placement and professional advancement.

ADVANCED SOFT SKILLS & APTITUDE SYALLABUS FOR MBA PROGRAMMES

SEMESTER I: Advanced Soft Skills & Aptitude – I

Course Code: CLL101

Contact Hours - 30 Hours

SOFT SKILLS

Module 1: Professional Communication Fundamentals

(5 Hours)

1. Business communication essentials
2. Professional email and corporate correspondence
3. Workplace etiquette and communication protocols
4. Professional presentation fundamentals
5. Active listening and effective questioning

Module 2: Self-Management & Professional Effectiveness

(5 Hours)

1. Self-awareness and professional identity
2. Time and priority management
3. Goal setting and performance orientation
4. Professional ethics and accountability
5. Adaptability and growth mindset

Module 3: Teamwork & Workplace Collaboration

(5 Hours)

1. Team dynamics and collaboration
2. Interpersonal communication
3. Conflict management basics
4. Networking fundamentals
5. Professional relationship building

Course Outcomes -

CO1: Demonstrate effective professional communication in business environments.

CO2: Apply self-management and professional effectiveness techniques.

CO3: Develop teamwork and workplace collaboration competencies.

APTITUDE

Module 1: Quantitative Aptitude Foundations

(5 Hours)

1. Percentages and ratios
2. Profit and loss
3. Averages and partnerships
4. Business arithmetic
5. Numerical reasoning

Module 2: Logical Reasoning Foundations

(5 Hours)

1. Analytical reasoning
2. Coding-decoding
3. Series and patterns
4. Logical deduction
5. Decision-making basics

Module 3: Business Aptitude Fundamentals

(5 Hours)

1. Data interpretation basics
2. Business problem solving
3. Quantitative comparison
4. Numerical decision making
5. Basic analytical aptitude

Course Outcomes -

CO1: Apply quantitative reasoning in business scenarios.

CO2: Demonstrate logical and analytical thinking abilities.

CO3: Develop foundational aptitude for management decision-making.

Contact Hours - 30 Hours

SOFT SKILLS

Module 1: Corporate Communication & Business Writing

(5 Hours)

1. Business reports and executive summaries
2. Proposal and business document writing
3. Stakeholder communication
4. Professional presentation techniques
5. Corporate communication practices

Module 2: Leadership & Team Management

(5 Hours)

1. Leadership fundamentals
2. Team motivation and engagement
3. Conflict resolution strategies
4. Negotiation techniques
5. Workplace influence and collaboration

Module 3: Business Problem Solving & Decision Making

(5 Hours)

1. Critical thinking in management
2. Business decision-making models
3. Structured problem-solving approaches
4. Strategic thinking fundamentals
5. Organizational effectiveness

Course Outcomes -

CO1: Demonstrate professional business communication and documentation skills.

CO2: Apply leadership and team management principles effectively.

CO3: Develop structured business problem-solving and decision-making competencies.

APTITUDE

Module 1: Intermediate Quantitative Aptitude

(5 Hours)

1. Time and work
2. Time, speed and distance
3. Business mathematics
4. Data sufficiency
5. Quantitative analysis

Module 2: Advanced Reasoning

(5 Hours)

1. Critical reasoning
2. Logical analysis
3. Seating arrangements
4. Analytical puzzles
5. Business logic scenarios

Module 3: Data Interpretation & Business Analytics Aptitude

(5 Hours)

1. Tables and charts
2. Business dashboards
3. Graph interpretation
4. Trend analysis
5. Data-driven decision making

Course Outcomes -

CO1: Apply intermediate quantitative aptitude in managerial contexts.

CO2: Demonstrate advanced reasoning and analytical thinking abilities.

CO3: Interpret business data for informed decision-making.

Contact Hours - 30 Hours

SOFT SKILLS

Module 1: Strategic Business Communication

(5 Hours)

1. Executive communication
2. Boardroom presentations
3. Business storytelling
4. Corporate branding communication
5. Professional influence and persuasion

Module 2: Managerial Leadership & Organizational Behaviour

(5 Hours)

1. Strategic leadership
2. Organizational behaviour applications
3. Change management
4. Stakeholder management
5. Cross-functional collaboration

Module 3: Innovation & Business Excellence

(5 Hours)

1. Design thinking
2. Innovation management
3. Business model thinking
4. Entrepreneurial mindset
5. Strategic business execution

Course Outcomes -

CO1: Demonstrate strategic business communication and influence skills.

CO2: Apply leadership and organizational effectiveness principles.

CO3: Develop innovation and business excellence competencies.

APTITUDE

Module 1: Advanced Quantitative Aptitude

(5 Hours)

1. Probability
2. Business statistics
3. Quantitative modelling basics
4. Numerical optimization
5. Analytical calculations

Module 2: Advanced Analytical Reasoning

(5 Hours)

1. Critical reasoning
2. Case-based reasoning
3. Strategic decision analysis
4. Complex business scenarios
5. Advanced logical thinking

Module 3: Business Analytics Aptitude

(5 Hours)

1. Data analysis
2. Business intelligence interpretation
3. KPI evaluation
4. Analytical reporting
5. Evidence-based business decisions

Course Outcomes (Aptitude)

CO1: Apply advanced quantitative and statistical reasoning skills.

CO2: Demonstrate strategic analytical thinking and problem-solving abilities.

CO3: Interpret business analytics for managerial decision-making.

Contact Hours - 30 Hours

SOFT SKILLS

Module 1: Executive Presence & Corporate Readiness

(5 Hours)

1. Executive presence and professional image
2. Leadership communication
3. Corporate networking strategies
4. Personal branding
5. Workplace professionalism

Module 2: Career Management & Employability Skills

(5 Hours)

1. Interview mastery
2. Group discussion excellence
3. Assessment centre readiness
4. Career planning strategies
5. Workplace adaptability

Module 3: Business Leadership & Global Competence

(5 Hours)

1. Global business communication
2. Cross-cultural management
3. Strategic leadership readiness
4. Corporate governance awareness
5. Lifelong professional development

Course Outcomes (Soft Skills)

CO1: Demonstrate executive communication and professional branding competencies.

CO2: Apply employability and career management skills effectively.

CO3: Develop global business leadership and workplace readiness capabilities.

APTITUDE

Module 1: Placement Aptitude Mastery

(5 Hours)

1. Advanced quantitative aptitude
2. Corporate aptitude test strategies
3. Business case calculations
4. Data interpretation mastery
5. Quantitative decision making

Module 2: Advanced Business Reasoning

(5 Hours)

1. Corporate analytical reasoning
2. Strategic problem solving
3. Business case analysis
4. Critical decision making
5. Executive reasoning skills

Module 3: Placement & Assessment Readiness

(5 Hours)

1. Company-specific aptitude preparation
2. Assessment centre aptitude
3. Interview-linked analytical reasoning
4. Business simulation exercises
5. Placement readiness diagnostics

Course Outcomes -

CO1: Apply advanced aptitude skills in placement and corporate assessment contexts.

CO2: Demonstrate executive-level analytical and reasoning abilities.

CO3: Develop comprehensive placement readiness and managerial problem-solving competencies.

ADVANCED SOFT SKILLS & APTITUDE M. TECH PROGRAMMES

SEMESTER I: Advanced Soft Skills & Aptitude – I

Course Code: CLL11109

Contact Hours - 30 Hours

SOFT SKILLS

Module 1: Technical Communication & Research Writing

(5 Hours)

1. Advanced technical and professional communication
2. Research paper and literature review writing
3. Technical report and documentation practices
4. Research proposal and abstract writing
5. Scholarly communication and publication ethics

Module 2: Professional Excellence & Research Ethics

(5 Hours)

1. Professional ethics in engineering and technology
2. Research integrity and responsible innovation
3. Time and project management for researchers
4. Professional accountability and workplace conduct
5. Adaptability in multidisciplinary environments

Module 3: Innovation, Collaboration & Problem Solving

(5 Hours)

1. Design thinking and innovation mindset
2. Collaborative research and interdisciplinary teamwork
3. Engineering problem-solving approaches
4. Critical thinking and analytical decision-making
5. Professional networking and industry-academia interaction

Course Outcomes -

CO1: Demonstrate advanced technical communication, research writing and professional documentation skills.

CO2: Apply ethical, professional and project management practices in engineering and research environments.

CO3: Develop innovation, collaboration and critical problem-solving competencies for industry and academia.

APTITUDE

Module 1: Quantitative & Engineering Aptitude Foundations

(5 Hours)

1. Quantitative reasoning and numerical analysis
2. Engineering mathematics fundamentals
3. Data interpretation and analytical calculations
4. Quantitative decision-making techniques
5. Applied problem-solving methodologies

Module 2: Logical & Analytical Reasoning

(5 Hours)

1. Logical reasoning techniques
2. Critical analytical thinking
3. Pattern recognition and logical deduction
4. Decision-making models
5. Structured reasoning approaches

Module 3: Research Aptitude & Analytical Assessment

(5 Hours)

1. Research aptitude fundamentals
2. Data interpretation and inference
3. Evidence-based analysis
4. Experimental reasoning
5. Analytical evaluation techniques

Course Outcomes -

CO1: Apply quantitative and engineering aptitude skills to solve technical and research-oriented problems.

CO2: Demonstrate logical reasoning and analytical decision-making abilities.

CO3: Develop research aptitude and evidence-based analytical thinking competencies.

Contact Hours – 30 Hours

SOFT SKILLS

Module 1: Technical Leadership & Professional Communication

(5 Hours)

1. Technical presentations and professional speaking
2. Engineering project communication
3. Stakeholder and client communication
4. Technical proposal and project report writing
5. Communication in global engineering environments

Module 2: Project Management & Industry Collaboration

(5 Hours)

1. Engineering project planning
2. Team leadership and coordination
3. Industry-academia collaboration
4. Risk assessment and decision-making
5. Professional responsibility and compliance

Module 3: Innovation, Entrepreneurship & Technology Management

(5 Hours)

1. Innovation management principles
2. Technology commercialization awareness
3. Entrepreneurship and startup fundamentals
4. Design-driven innovation approaches
5. Emerging technology adaptation

Course Outcomes -

CO1: Demonstrate effective technical leadership and project communication skills.

CO2: Apply project management and collaborative professional practices in engineering environments.

CO3: Develop innovation, entrepreneurship and technology management competencies.

APTITUDE

Module 1: Intermediate Quantitative Aptitude

(5 Hours)

1. Advanced quantitative reasoning
2. Statistical interpretation
3. Numerical optimization concepts
4. Engineering analytical calculations
5. Applied quantitative problem-solving

Module 2: Advanced Logical Reasoning

(5 Hours)

1. Critical reasoning
2. Analytical decision-making
3. Data sufficiency techniques
4. Complex logical deduction
5. Strategic reasoning approaches

Module 3: Technical & Research Aptitude

(5 Hours)

1. Research methodology aptitude
2. Analytical interpretation
3. Engineering case analysis
4. Experimental problem-solving
5. Technical reasoning assessment

Course Outcomes

CO1: Apply intermediate quantitative and technical aptitude skills in engineering contexts.

CO2: Demonstrate advanced analytical and logical reasoning abilities.

CO3: Develop technical and research aptitude for innovation and problem-solving.

Contact Hours- 30 Hours

SOFT SKILLS

Module 1: Research Publication & Technical Visibility

(5 Hours)

1. Research publication and journal communication
2. Conference presentation skills
3. Patent and intellectual property communication
4. Academic and professional networking
5. Research dissemination strategies

Module 2: Strategic Leadership & Organizational Effectiveness

(5 Hours)

1. Strategic leadership in technology sectors
2. Organizational communication
3. Innovation leadership
4. Change management and organizational effectiveness
5. Professional advancement strategies

Module 3: Industry 4.0, Research & Career Readiness

(5 Hours)

1. Industry 4.0 and digital transformation awareness
2. Emerging technology trends
3. Advanced workplace readiness
4. Consultancy and professional practice
5. Lifelong learning and career progression

Course Outcomes -

CO1: Demonstrate advanced research communication and publication-oriented competencies.

CO2: Apply strategic leadership and organizational effectiveness skills in engineering and technology domains.

CO3: Develop industry readiness, innovation orientation and professional advancement capabilities.

APTITUDE

Module 1: Advanced Quantitative Aptitude

(5 Hours)

1. Advanced numerical reasoning
2. Statistical and analytical evaluation
3. Quantitative modelling concepts
4. Strategic quantitative decision-making
5. Complex problem-solving techniques

Module 2: Advanced Analytical & Critical Reasoning

(5 Hours)

1. Systems thinking
2. Complex analytical reasoning
3. Critical evaluation techniques
4. Decision-making under uncertainty
5. Strategic problem analysis

Module 3: Placement, Competitive & Research Aptitude Readiness

(5 Hours)

1. GATE-oriented aptitude enhancement
2. Research entrance and fellowship aptitude
3. Technical placement aptitude preparation
4. Interview-linked analytical reasoning
5. Professional assessment readiness

Course Outcome -

CO1: Apply advanced quantitative and analytical reasoning techniques in research and industrial contexts.

CO2: Demonstrate strategic thinking, critical evaluation and complex problem-solving abilities.

CO3: Develop readiness for research careers, technical placements, higher studies and professional advancement.

COMMUNICATIVE ENGLISH FOR PROFESSIONALS FOR LL.M. PROGRAM

Semester 1: Communicative English for Professionals – I

Course Code: LWJ21201

Contact Hours – 15 hours

Module 1: Foundational Legal Communication

5 hours

1. Advanced verbal and non-verbal communication in legal environments
2. Grammar refinement and structured legal articulation
3. Professional legal vocabulary enhancement
4. Reading comprehension and interpretation of legal and policy documents
5. Listening and analytical interpretation during legal interaction

Module 2: Academic & Legal Writing

5 hours

1. Professional email drafting and legal correspondence
2. Paragraph and analytical legal writing techniques
3. Formal communication in academic and institutional environments
4. Structured legal explanation and articulation
5. Communication ethics in legal and institutional ecosystems

Module 3: Professional Legal Interaction

5 hours

1. Professional self-introduction and courtroom articulation
2. Public speaking and confidence development
3. Communication during seminars and legal discussions
4. Professional etiquette in legal institutions
5. Collaborative communication in academic legal environments

Course Outcomes (COs)

CO1: Demonstrate competencies aligned with communicative english for professionals – I (entry level) requirements.

CO2: Apply advanced legal communication, analytical articulation, and professional interaction techniques effectively.

CO3: Develop industry-oriented legal professionalism, advocacy communication, and executive leadership competencies.

Semester 1 – Communicative Aptitude for Professionals I
Contact Hours – 15 hours

Course Code – LWJ21205

Module 1: Foundational Legal Reasoning & Analytical Skills

5 hours

1. Foundational logical reasoning and analytical interpretation
2. Analogy, classification, and structured legal association techniques
3. Basic legal-data interpretation and quantitative reasoning
4. Analytical observation and structured problem-solving approaches
5. Foundational decision-making techniques in legal environments

Module 2: Quantitative & Logical Interpretation

5 hours

1. Basic numerical reasoning and legal data evaluation
2. Percentage, ratio, proportion, and structured interpretation
3. Logical sequencing and reasoning accuracy
4. Critical thinking and analytical deduction fundamentals
5. Interpretation of institutional and policy-oriented information

Module 3: Professional Aptitude & Legal Workplace Readiness

5 hours

1. Professional adaptability in legal environments
2. Analytical response management during legal interaction
3. Problem-solving approaches in institutional settings
4. Professional accountability and operational discipline
5. Foundational workplace reasoning and collaborative professionalism

Course Outcomes (COs)

CO1: Demonstrate legal aptitude, analytical reasoning, and structured interpretation competencies effectively.

CO2: Apply strategic legal reasoning, decision-making, and professional analytical techniques professionally.

CO3: Develop placement-oriented legal aptitude, executive analytical leadership, and professional sustainability competencies.

Semester 2: Communicative English for Professionals – II

Course Code: LWJ21202

Contact Hours – 15 hours

Module 1: Legal Drafting & Professional Articulation

5 hours

1. Legal drafting communication and structured explanation techniques
2. Professional articulation during client consultation and mediation
3. Case interpretation and analytical legal communication
4. Presentation communication in legal environments
5. Communication during arbitration and dispute-resolution interaction

Module 2: Corporate & Judicial Communication

5 hours

1. Corporate legal communication practices
2. Professional communication during judicial and institutional interaction
3. Stakeholder-oriented communication techniques
4. Professional diplomacy and legal professionalism
5. Communication during legal documentation and reporting

Module 3: Research Communication & Legal Presentation

5 hours

1. Research-oriented legal writing techniques
2. Presentation communication during legal research interaction
3. Analytical reporting and scholarly articulation
4. Professional networking and institutional communication
5. Workplace adaptability in multidisciplinary legal environments

Course Outcomes (COs)

CO1: Demonstrate competencies aligned with communicative english for professionals – ii (intermediate level) requirements.

CO2: Apply advanced legal communication, analytical articulation, and professional interaction techniques effectively.

CO3: Develop industry-oriented legal professionalism, advocacy communication, and executive leadership competencies.

Semester 2 – Communicative Aptitude for Professionals II
Contact Hours – 15 hours

Course Code – LWJ21206

Module 1: Intermediate Legal Analytical Interpretation

5 hours

1. Structured interpretation of legal and policy frameworks
2. Critical legal reasoning and analytical comparison techniques
3. Logical deduction and institutional reasoning
4. Analytical interpretation during legal operations
5. Strategic problem-solving in legal environments

Module 2: Quantitative Analysis & Decision-Making

5 hours

1. Quantitative comparison and analytical evaluation methods
2. Data interpretation and legal analytical reasoning
3. Structured reasoning during institutional coordination
4. Decision-making and operational analytical approaches
5. Professional analytical effectiveness under time constraints

Module 3: Legal Operations & Professional Aptitude

5 hours

1. Operational reasoning in legal and corporate environments
2. Professional coordination and stakeholder interaction
3. Analytical adaptability in multidisciplinary ecosystems
4. Problem-solving during legal workflow management
5. Professional resilience and institutional effectiveness

Course Outcomes (COs)

CO1: Demonstrate legal aptitude, analytical reasoning, and structured interpretation competencies effectively.

CO2: Apply strategic legal reasoning, decision-making, and professional analytical techniques professionally.

CO3: Develop placement-oriented legal aptitude, executive analytical leadership, and professional sustainability competencies.

Semester 3: Communicative English for Professionals – III

Course Code: LWJ21203

Contact Hours – 15 hours

Module 1: Executive Legal Communication & Leadership

5 hours

1. Executive communication in legal and corporate environments
2. Leadership articulation during strategic legal operations
3. Advanced advocacy communication techniques
4. Professional communication during high-pressure legal situations
5. Leadership interaction in multidisciplinary legal ecosystems

Module 2: Global Legal Communication & Policy Interaction

5 hours

1. Global workplace communication and cross-cultural legal interaction
2. Policy-oriented communication and institutional articulation
3. Communication during international legal and corporate interaction
4. Professional interaction in evolving legal ecosystems
5. Strategic communication during organizational transformation

Module 3: Career Sustainability & Professional Excellence

5 hours

1. Interview mastery and executive professionalism
2. Professional networking and stakeholder relationship management
3. Strategic presentation and advocacy communication
4. Professional readiness for judiciary, litigation, and corporate legal sectors
5. Career sustainability and continuous professional upskilling communication

Course Outcomes (COs)

CO1: Demonstrate competencies aligned with communicative english for professionals – iii (advanced level) requirements.

CO2: Apply advanced legal communication, analytical articulation, and professional interaction techniques effectively.

CO3: Develop industry-oriented legal professionalism, advocacy communication, and executive leadership competencies.

Semester 3 – Communicative Aptitude for Professionals III
Contact Hours – 15 hours

Course Code – LWJ21207

Module 1: Advanced Legal Reasoning & Strategic Interpretation

5 hours

1. Advanced legal reasoning and analytical deduction
2. Strategic legal risk analysis and interpretation
3. Complex institutional problem-solving methodologies
4. Operational reasoning during legal and organizational coordination
5. Advanced analytical leadership techniques

Module 2: Executive Aptitude & Professional Decision-Making

5 hours

1. Executive-level reasoning and strategic decision-making
2. Analytical interpretation during crisis and conflict situations
3. Professional adaptability in evolving legal ecosystems
4. Leadership-oriented reasoning and stakeholder coordination
5. Strategic operational effectiveness in legal environments

Module 3: Career Sustainability & Advanced Professional Aptitude

5 hours

1. Advanced placement-oriented aptitude and analytical readiness
2. Professional analytical communication under pressure environments
3. Career sustainability and professional growth strategies
4. Professional readiness for judiciary, litigation, and corporate legal sectors
5. Long-term executive legal professionalism and analytical excellence

Course Outcomes (COs)

CO1: Demonstrate legal aptitude, analytical reasoning, and structured interpretation competencies effectively.

CO2: Apply strategic legal reasoning, decision-making, and professional analytical techniques professionally.

CO3: Develop placement-oriented legal aptitude, executive analytical leadership, and professional sustainability competencies.

	CLL Foreign Language French PG Semester 1	L	T	P	C
Version 1.0	Contact Hours - 30	2	0	0	2
Course Codes	AEC408 (2 credits), CLL10001 (Non-Credit), CLL12002N (Non-Credit)				
Pre-requisites/Exposure	-				
Co-requisites	-				
Academic Year	2026-2027				

Programme Educational Objectives (PEO)

The French Programme aims to equip students with fundamental linguistic, cultural and communicative competencies for practical applications. The educational objectives are:

- PEO1 – Equip students with essential French language skills for basic communication in everyday contexts
- PEO2 – Strengthen linguistic competence through a structured progression of vocabulary, grammar and writing skills
- PEO3 – Foster an appreciation of Francophone cultures, enhancing intercultural sensitivity and global perspectives

Course Description

This beginner-level course is designed to introduce students to the fundamentals of the French language while fostering an appreciation for Francophone culture. Through a communicative and immersive approach, students will develop essential skills in listening, speaking, reading and writing, along with a foundational understanding of French grammar and cultural nuances.

Course Content

Module 1 : Bonjour, World! — Your First Peek into the Land of the French [2 hours]

- Overview of the Indo-European Family of Languages
- Concept of Germanic, Romance and Slavic Languages
- Countries where French is spoken: Canada, Monaco, Belgium, Switzerland, Luxembourg etc.
- French Colonies in India: Chandernagor, Pondicherry

Module 2 : A-B-C, Très Fancy! — The Alphabet That Wears Accents [2 hours]

- Alphabet Adventures – Once upon a Letter....
- A Fun Intro to French Letters
- The five special French characters – accents (é, è, ô, ç, ë) and their significance
- French Pronunciation Rules

Activities: Pronouncing unknown French words

Reading unknown French texts with correct pronunciation

Module 3: Colours, Cousins & Croissants — Everyday French Words Made Fun! [4 hours]

- Noir, Rouge & everything in between – A Colourful Dive into French!
- Making colours fun
- From Père to Oncle – Who’s Who in the Family Tree?
- Navigating Family Vocabulary
- From Kitchen to Chambre – A Tour of Your House in French
- Essential Home Vocabulary
- Food menu in French: From Breakfast to Dinner
Petit-Déjeuner, Déjeuner, Pain, Chocolat, Croissant

Module 4 : Salut & Smiles — French Greetings for Every Mood [2 hours]

- Basic expressions of greetings, expressions of politeness:
- Bonjour, Salut, Comment allez-vous?, Comment ça va?, Je vais bien, Merci, Au revoir

Module 5: Un, Deux, Trois... Voilà! — Counting the French Way [3 hours]

- High-Five to French!
- Un, Deux, Trois of French numbers: counting from 1 to 100
- Telling the time in French
Activities: Listening Exercises on Numbers
Telling the time by looking at pictures of clocks

Module 6: Speak Up, Mon Ami! Your First Steps into French Conversations [2 Hours]

- Self-introduction (First Name, Surname, Age, Nationality, Profession etc)
- Introducing someone else (talk about your friend, brother, mother, father etc.)

Module 7 : Grammar Glamour — Chic Rules for Speaking Like a Parisian: [7 hours]

- Definite and Indefinite Articles
- Common Nouns & Adjectives
- Singular and Plural Forms of Nouns
- Subject Pronouns
- Regular Verbs: ER & IR group
- Irregular Verbs: RE Group
- Construction of Negative Sentences

Module 6: Cheese, Culture & Oh Là Là— A French Lifestyle Tour [6 hours]

- French Gastronomy: French cheese and wines
Roquefort, Camembert, Brie, Vin Rouge, Vin Blanc etc.
- Famous French perfumes:
Dior, Chanel etc.
- French cities and tourist places:
Paris, Lyon, Lille etc.
- Francophone countries
La Belgique, La Suisse, Le Canada etc.
- Renowned French personalities:
Jeanne d’Arc, Marie Curie, Molière etc.
- Significance of the French Flag and Currency

Module 9: Compréhension des écrits — Honing Your Reading Skills

[2 hours]

Activity: Students will read short and simple unseen texts and answer questions based on these texts

Course Outcomes (CO):

On completion of this first-semester course, the students will be able to

- CO1 - Understand the historical and linguistic background of French within the Indo-European language family
- CO2 - Master basic pronunciation rules and apply them to pronounce French words
- CO3 - Build essential vocabulary for colours, family, colours, parts of the house and food items
- CO4 - Learn basic French greetings and expressions and practice speaking
- CO5 - Learn to count and tell time in French
- CO6 - Introduce themselves and others in French
- CO7 - Develop a foundation in elementary French grammar, in articles, personal Pronouns and verbs
- CO8 - Gain insights into French cultural norms, traditions and etiquette, helping them blend into native conversations
- CO9 - Read simple, unseen French texts and answer questions

Programme Outcomes (PO):

Upon successful completion of this two-semester programme, students will develop the following competencies:

- PO1 - Know about the origin of the French language vis-à-vis other European languages
- PO2 - Develop French pronunciation skills
- PO3 - Learn to count and tell time in French
- PO4 - Understand and apply elementary French Grammar
- PO5 - Speak in basic French
- PO6 - Demonstrate familiarity with French culture
- PO7 - Fill up Forms in French and write short French sentences and messages
- PO8 - Gain knowledge of basic French vocabulary

Programme Specific Outcomes (PSO):

- PSO1 – Learn about French as a Germanic language and its place in the Indo-European School of Languages
- PSO2 – Recognize French diphthongs, accents, sounds and phonetic patterns for accurate pronunciation.
- PSO3 – Understand formal and informal time and cardinal and ordinal numbers in French
- PSO4 – Grasp key grammatical concepts involving definite and indefinite articles, subject pronouns, adjectives, regular, irregular and pronominal verbs, interrogative adjectives and prepositions
- PSO5 – Speak and respond confidently in daily communication scenarios and understand and apply common greetings, expressions and conversational starters
- PSO6 – Get acquainted with aspects of French culture, like food and dining etiquette, festivals and media
- PSO7 – Fill up forms in French by providing personal information and communicate in French through short e-mails and messages and use conventional French salutations and valedictions
- PSO8 – Acquire knowledge of vocabulary related to areas like colours, family, parts of the house, food and drinks, public places, transport, weather and clothes

Correlation Matrix between CO and PO and CO and PSO:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CO1	3								3							
CO2		3	2	2	2	2	2	2	2	3	2	2	2	2	2	2
CO3		2			2		2	3		2			2		2	3
CO4		2			3			1		2			3			1
CO5			3								3					
CO6		2		2	3			1		2		2	3			1
CO7				3	2		2					3	2		2	
CO8						3								3		
CO9		2		2			3	2		2		2			3	2

Degree of Correlation: 1 – low, 2 – medium, 3 – high

	CLL Foreign Language French PG Semester 2	L	T	P	C
Version 1.0	Contact Hours - 30	2	0	0	2
Course Codes	AEC503 (2 credits), CLL10004 (Non-Credit), CLL22002N (Non-Credit)				
Pre-requisites/Exposure	-				
Co-requisites	-				
Academic Year	2026-2027				

Programme Educational Objectives (PEO)

The French Programme aims to equip students with fundamental linguistic, cultural and communicative competencies for practical applications. The educational objectives are:

- PEO1 – Equip students with essential French language skills for basic communication in everyday contexts
- PEO2 – Strengthen linguistic competence through a structured progression of vocabulary, grammar and writing skills
- PEO3 – Foster an appreciation of Francophone cultures, enhancing intercultural sensitivity and global perspectives

Course Description

This second-semester course builds upon foundational knowledge to deepen students' linguistic competence in the French language and awareness of French culture. Designed for learners with prior exposure to elementary French, the course reinforces everyday communication, introduces nuanced grammatical structures and expands students' confidence in both oral and written expression.

Module 1: French on the Go: Talk, Order, Buy, Repeat!

[6 hours]

- The Art of Introducing Yourself in French
Speaking Topics: Personal / Family / Studies / Food / Hobbies and Spare Time/Discussing phone numbers
Activity: Pair Work - Students pair up for casual dialogues and switch partners every 3 minutes
- Visualising someone's daily life
Activity: Students speak about their daily life
- Ordering Food at a Restaurant
Activity: Students practice ordering different items using a mock menu
- Buying items & asking Price
Activity: Simulated Shopping - "Customer and Store Attendant" practice

Module 2: From "Chat" to "Château": Your French Word Treasures

[4 hours]

- Different Public Places:
École, Église, Gare etc.
- Transport:
Bus, Train, Vélo, Voiture
- The Weather:
Il fait beau, Il fait Mauvais, Il fait chaud, Il fait froid etc.
- Food & Drinks:
Baguette, Pain, Chocolat, Poulet, Poisson, Vin, Lait, Café, Thé etc.
- Clothes:
T-shirt, Pantalon, Jupe, Robe etc.
- Family Members:
Père, Mère, Parents etc.

Module 3: Unlocking the Grammar Vault of 'la Belle Langue'

[10 hours]

- How to frame Interrogative Sentences
- Near future
- Recent past
- Possessive adjectives
- Pronominal verbs
- Everyday verbs in present tense:
Regular -er ending verbs (Porter, Manger, Acheter, Jouer, Donner, Commencer etc.)
Irregular verbs: Faire, Venir, Boire, Pouvoir, Vouloir
- Prepositions before Countries & Places
- Quizzes and Worksheets

Module 4: Pen, Paper, Paris: Writing the French Way

[5 hours]

- Writing brief e-mails or messages comprising of 20-25 words:
- Greetings and Salutations: Salut/ Cher/ Chère
- Valedictory Address: Au Revoir / À Bientôt
Activity: Students write a short email based on a given scenario like a Birthday Invitation.
- Passage on seen topic
Activity: Students read the passage and they will answer questions
- How to fill a form in French
Activity: Students fill different forms in French

Module 5: The Art of "Joie de Vivre": Celebrating French Culture

[3 hours]

- French Greetings on Occasions and Holidays:
Joyeux Noël , Bonne Année etc.
- French Festivals:
Noël , Le 14 Juillet etc.
- French Newspapers and Magazine:
Newspapers – Le Monde, 20 Minutes, Le Figaro , Les Echos , Le Matin, L'Express etc.
Magazines – Lire , Le Point , Paris Match, Numérique, Biba, Elle, Vogue etc.
- French Television Channels :
TV5 Monde, Canal+, M6, France 2, France 3, France 4, France 5, Arte etc.

Module 6: Communication en Action — Speak with Confidence

[2 hours]

- Monologue Practice
– Describing daily life, likes and dislikes, best friends, the university etc.
Activity: Role-play & speaking activities

Course Outcomes (CO):

On completion of this second-semester course, the students will be able to

- CO1 - Introduce themselves, express personal preferences and participate in casual dialogues
- CO2 - Order food and handle shopping interactions in French
- CO3 - Get acquainted with basic French vocabulary for public places, transport, weather, food and drinks, clothes and family members
- CO4 - Understand and apply French grammatical structures, including possessive adjectives, pronominal verbs, interrogative adverbs, near future and recent past
- CO5 - Fill out forms in French and compose short messages and emails, using appropriate salutations and valedictions
- CO6 - Evaluate aspects of French culture such as common French greetings, festivals and media
- CO7 - Demonstrate basic oral communication skills in French by delivering short monologues

Programme Outcomes (PO):

Upon successful completion of this two-semester programme, students will develop the following competencies:

- PO1 - Know about the origin of the French language vis-à-vis other European languages
- PO2 - Develop French pronunciation skills
- PO3 - Learn to count and tell time in French
- PO4 - Understand and apply elementary French Grammar
- PO5 - Speak in basic French
- PO6 - Demonstrate familiarity with French culture
- PO7 - Fill up Forms in French and write short French sentences and messages
- PO8 - Gain knowledge of basic French vocabulary

Programme Specific Outcomes (PSO):

- PSO1 – Learn about French as a Germanic language and its place in the Indo-European School of Languages
- PSO2 – Recognize French diphthongs, accents, sounds and phonetic patterns for accurate pronunciation.
- PSO3 – Understand formal and informal time and cardinal and ordinal numbers in French
- PSO4 – Grasp key grammatical concepts involving definite and indefinite articles, subject pronouns, adjectives, regular, irregular and pronominal verbs, interrogative adjectives and prepositions
- PSO5 – Speak and respond confidently in daily communication scenarios and understand and apply common greetings, expressions and conversational starters
- PSO6 – Get acquainted with aspects of French culture, like food and dining etiquette, festivals and media
- PSO7 – Fill up forms in French by providing personal information and communicate in French through short e-mails and messages and use conventional French salutations and valedictions
- PSO8 – Acquire knowledge of vocabulary related to areas like colours, family, parts of the house, food and drinks, public places, transport, weather and clothes

Correlation Matrix between CO and PO and CO and PSO:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CO1		2		2	3					2		2	3			
CO2		2		2	3	1				2		2	3	1		
CO3		2			2		3	3		2			2		3	3
CO4				3	3		3					3	3		3	
CO5				3			3	2				3			3	2
CO6					2	3							2	3		
CO7		2		2	3			2		2		2	3			2

Degree of Correlation: 1 – low, 2 – medium, 3 – high

	CLL Foreign Language German PG Semester 1	L	T	P	C
Version 1.0	Contact Hours - 30	2	0	0	2
Course Codes	AEC409 (2 credits), CLL10002 (Non-Credit), CLL12003N (Non-Credit)				
Pre-requisites/Exposure	-				
Co-requisites	-				
Academic Year	2026-2027				

Programme Educational Objectives (PEO)

The German Programme aims to equip students with fundamental linguistic, cultural and communicative competencies for practical applications. The educational objectives are:

PEO1 – Develop foundational skills in speaking, reading, writing, and listening, enabling effective communication in German

PEO2 – Gain insight into German cultural practices, traditions and social etiquette

PEO3 – Acquire the ability to use German in real-life contexts, such as introducing oneself, in restaurant interactions, in supermarkets, in commuting and in formal writing

PEO4 – Develop competence in German grammar, understanding articles, pronouns, conjunctions, verb conjugations and sentence structures

Course Description

This beginner-friendly first-semester course is designed to introduce students to the fundamentals of German while immersing them in the rich cultural and linguistic landscape of German-speaking countries. This course will lay a strong foundation for communication, comprehension and cultural knowledge. Through interactive lessons, pronunciation drills, vocabulary-building exercises and cultural insights, students will gain the confidence to speak, listen and understand the basics of German in everyday scenarios.

Course Content

Module 1: Introduction

[2 hours]

- Overview of the Indo-European Family of Languages
- Concept of Germanic, Romance and Slavic Languages
- European Countries where German is spoken:
Germany, Austria, Switzerland, Luxembourg, Lichtenstein et. al.
- Variation of German accents across Germany, Austria and Switzerland
Hochdeutsch, Österreichisches Deutsch and Schweizerdeutsch

Module 2: The German Alphabet

[2 hours]

- Letter by Letter – Building Blocks of a New Language
- A Fun Intro to German Letters
- The four special German characters – ä, ö, ü, ß and their significance
Activity: Pronounce the Letters shown

Module 3: Pronunciation Rules (From Bahnhof to Brötchen – Speaking Like a Local) [8 hours]

- Rules for Vowels: a, o, e
- Rules for Special characters: ä, ö, ü
- Rules for Diphthongs: ie, ei, ai, au, äu, eu
- Rules for Consonants: b/d/g, h, j, r, s, v, y, z
- Rules for Consonant Clusters: ch, sch, tsch, chs, sp/st, pf, ck, tz, ng
- Rule for ig

Activities: Pronouncing unknown German words from a Word Montage

Reading elementary, unknown German texts with correct pronunciation

Module 4: German Numbers (Cardinal, Ordinal, Fractions) [3 hours]

- High-Five to German!
- The eins, zwei, drei of German numbers: counting from 1 to 100
- Ordinal Numbers
- Fractions

Activity: Listening Exercises on Numbers

Module 5: Reading the Clock like a Native German – Tick-Tock auf Deutsch [3 hours]

Wie spät ist es? /Wie viel Uhr ist es?

- Formal Time
- Informal Time
- Exercise: Telling the time by looking at pictures of clocks

Module 6: Speaking German – Basic German Greetings and Expressions: [3 hours]

- Hallo or Guten Tag?
Navigating the Art of First Impressions - Mastering German Greetings
- From Tschüss to Bis Bald! – Saying Goodbye
Farewell in German
- Wie Geht's? – How are you?
Conversational Starters
- Danke, Bitte, Entschuldigung – The Magic Words You'll Use Every Day
Essential German Politeness
- Ja, Nein, Vielleicht – Yes, No, Perhaps
Common Responses & Reactions
- Jawohl! Ach So! – Expressions That Make You Sound Like a Local
Authentic German Exclamations

Activity: Role Play - Students exchange greetings

Module 7: German Culture [3 hours]

- Why Germans Love Punctuality – And How to Never Be 'Zu Spät!' Again!
(Understanding Social Etiquette)
- Dining Etiquette: How to say "Guten Appetit!" and "Prost!" correctly
- The 'Feierabend' Philosophy – How Germans Unwind After Work
Work-Life Balance & Leisure Culture
- "Kuchen und Kaffee" – What Germans eat and drink
Traditional German Food and Everyday Eating Habits
- Karneval, Oktoberfest, Ostern, Christmas Markets & Silvester
German Festivals and Seasonal Events

Module 8: Grammar - Mission: Grammatik Possible**[2 hours]**

- Definite and Indefinite Articles in the Nominativ
- Personal Pronouns in the Nominativ

Activities: Students become Grammar Detectives and solve the Case by adding der/die/das in front of Nouns shown on Flashcards
Students identify themselves and others by using Personal Pronouns

Module 9: Elementary Vocabulary**[4 hours]**

- From Montag Blues to Winter Views
- Weekdays, Months, and Seasons in German
- Schwarz, Weiss & everything in between – A Colourful Dive into German!
- Making colours fun
- From Oma to Onkel – Who's Who in the Family Tree?
- Navigating Family Vocabulary
- From Küche to Keller – A Tour of Your House in German
- Essential Home Vocabulary
- Hop On, Hop Off – Mastering German Transport Without Missing Your Bus
- Understanding Transport Terms

Activities: Audio Comprehensions

Identification of Objects from Pictures shown

Course Outcomes (CO):

On completion of this first-semester course, the students will be able to

- CO1 - Understand the historical and linguistic background of German within the Indo-European language family
- CO2 - Master basic pronunciation rules and apply them to pronounce German words
- CO3 - Learn to count and tell time in German
- CO4 – Learn basic German greetings and expressions and practice speaking
- CO5 - Gain insights into German cultural norms, traditions and etiquette, helping them blend into native conversations
- CO6 - Develop a foundation in elementary German grammar, in articles and personal pronouns
- CO7 - Build essential vocabulary for greetings, family, colours, transport and daily interactions

Programme Outcomes (PO):

Upon successful completion of this two-semester programme, students will develop the following competencies:

- PO1 - Know about the origin of the German language vis-à-vis other European languages
- PO2 - Develop German pronunciation skills
- PO3 - Learn to count and tell time in German
- PO4 - Understand and apply elementary German Grammar
- PO5 - Speak in basic German
- PO6 - Demonstrate familiarity with German culture
- PO7 - Fill up Forms in German and write short German sentences and messages
- PO8 - Gain knowledge of basic German vocabulary and answer questions based on unseen German texts

Programme Specific Outcomes (PSO):

- PSO1 – Learn about German as a Germanic language and its place in the Indo-European School of Languages
- PSO2 – Recognize German diphthongs, consonant clusters, sounds and phonetic patterns for accurate pronunciation.
- PSO3 – Understand formal and informal time and cardinal numbers, ordinal numbers and fractions in German
- PSO4 – Grasp key grammatical concepts involving main verbs, modal verbs, conjunctions and articles and personal pronouns as subjects and direct objects
- PSO5 – Speak and respond confidently in daily communication scenarios and understand and apply common greetings, expressions and conversational starters
- PSO6 – Get acquainted with aspects of German culture, like food and dining etiquette, punctuality, festivals, media, football craze and cars
- PSO7 – Fill up forms in German by providing personal information and communicate in German through short e-mails and messages and use conventional German salutations and valedictions
- PSO8 – Acquire knowledge of vocabulary related to areas like colours, family, home, clothes, transport, cities, weather and parts of the body and read simple, unseen German texts and answer questions based on these texts

Correlation Matrix between CO and PO and CO and PSO:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CO1	3								3							
CO2		3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO3			3								3					
CO4					3	2	1						3	2	1	
CO5						3		2						3		2
CO6				3	3		3	3				3	3		3	3
CO7			1		2	2	3	3			1		2	2	3	3

Degree of Correlation: 1 – low, 2 – medium, 3 – high

	CLL Foreign Language German PG Semester 2	L	T	P	C
Version 1.0	Contact Hours - 30	2	0	0	2
Course Codes	AEC504 (2 credits), CLL10005 (Non-Credit), CLL22003N (Non-Credit)				
Pre-requisites/Exposure	-				
Co-requisites	-				
Academic Year	2026-2027				

Programme Educational Objectives (PEO)

The German Programme aims to equip students with fundamental linguistic, cultural and communicative competencies for practical applications. The educational objectives are:

PEO1 – Develop foundational skills in speaking, reading, writing, and listening, enabling effective communication in German

PEO2 – Gain insight into German cultural practices, traditions and social etiquette

PEO3 – Acquire the ability to use German in real-life contexts, such as introducing oneself, in restaurant interactions, in supermarkets, in commuting and in formal writing

PEO4 – Develop competence in German grammar, understanding articles, pronouns, conjunctions, verb conjugations and sentence structures

Course Description

The Second Semester of the German Language Course is designed to equip students with fundamental grammar, vocabulary, conversational skills and cultural insights essential for effective communication. Students will gain practical exposure to real-life scenarios, including introductions, ordering food, shopping and navigating public transport. Through structured activities such as role-playing, writing exercises and interactive simulations, learners will develop confidence in expressing themselves in German while understanding key aspects of German culture.

Course Content

Module 1: Grammar - Mission: Grammatik Possible

[9 hours]

- Everyday Verbs in the Present Tense
Verbs of type: kaufen / antworten / fahren / essen / geben / lesen / haben / sein
and similar verbs
- The Power of German Modal Verbs - From "Ich kann nicht!" to "Ich muss doch!"
Modal Verbs: sollen / wollen / können / dürfen / mögen / müssen / möchten
- Hast du eine Frage?--Make interrogative sentence using the verb.
- Coordinate Conjunctions: und / oder / aber / sondern / denn
- Quizzes and Worksheets

Module 2: Speaking German – Real Life Scenarios in Germany:

[8 hours]

- Wie alt bist du?—W-Frage (Wie, Wer, Woher, Wo, Was, Wann, Was)
- The Art of Introducing Yourself in German - "Ich heiße... und du?"
Speaking Topics: Personal / Family / Studies / Food / Hobbies and Spare Time
Activity: Pair Work -
Students pair up for casual dialogues and switch partners every 3 minutes
- Essential Ordering Phrases in a German Restaurant
" Von Schnitzel bis Erdbeerkuchen mit Sahne"
Activity: Restaurant Simulation -

Students practice ordering different items using a mock menu

- Lost in the Aisles? Navigating a German Supermarkt Without Panic
Shopping Conversations: Prices, Discounts, Preferences
Activity: Simulated Shopping - "Customer and Store Attendant / Cashier" practice
- Asking for Directions and using Public Transport
Navigating bus stops and train stations
Buying tickets and asking about timetables
Activity: Role Play -
Students ask for directions to famous places in Germany
Students buy train tickets at a railway station

Module 3: German Culture

[2 hours]

- Mastering German Greetings on Occasions and Holidays:
Alles Gute!
Gesundheit!
Herzlichen Glückwunsch zum Geburtstag! / zur Hochzeit!
Alles Gute zum Jahrestag!
Viel Glück für die Zukunft!
Frohe / Fröhliche Weihnachten!
Frohes neues Jahr! / Prosit Neujahr! / Guten Rutsch ins neue Jahr!
Frohe Ostern!
- German Media: Brief Overview
Newspapers – Die Zeit / Frankfurter Allgemeine / Süddeutsche Zeitung / Bild
Magazines: Spiegel / Stern / Focus / Kicker
Television: Deutsche Welle (DW) / ZDF / ARD / RTL
Popular talk shows (Markus Lanz, Anne Will)
- Tor! German Football: Snapshot
Bundesliga – The top-tier football league
German Football Clubs – FC Bayern München, Borussia Dortmund, RB Leipzig,
Bayer 04 Leverkusen
- German Car Industry: Brief Overview
Brands – Mercedes Benz, Audi, BMW, Volkswagen, Porsche

Module 4: Writing Skills

[3 hours]

- Fill out a form with detailed personal information in German.
- Vorname, Nachname, Alter.....
- Writing 20-25 word brief e-mails or messages on instant messaging apps
Formal e-mails -
Greetings and Salutations: Sehr geehrte / Sehr geehrter
Valedictory Address: Mit freundlichen Grüßen / Mit freundlichem Gruß
Informal e-mails -
Greetings and Salutations: Hallo / Liebe / Lieber
Valedictory Address: Tschüss / Bis bald!
Activity: Students write a short email / message based on a given scenario like
fixing up or cancelling an appointment, then peer-review each other's
work

Module 5: Elementary Vocabulary

[4 hours]

- Surviving in a German City Without Getting Lost
Urban Vocabulary for Everyday Use: From Bahnhof to Brücke
- Dressing the German Way
Essential Clothing Vocabulary: From Mantel to Mütze
- Talking About the Weather Like a True German
Mastering Weather Terms: Regen oder Schnee?
- Learning about parts of the body without losing your head
Requisite Vocabulary for Anatomy: Von Kopf bis Fuß
- Audio Comprehensions

Module 6: Advanced Grammar

[2 hours]

- Akkusativ: Definite and Indefinite Articles
- Ich liebe dich!—Personal Pronouns in the Akkusativ

Module 7: Reading Ability: Unseen Comprehension

[2 hours]

Activity: Students will read short and simple unseen texts and answer questions based on these texts
Comprehension Gym – a workout for the brain, lifting sentences instead of weights.

Course Outcomes (CO):

On completion of this second-semester course, the students will be able to

- CO1 - Use essential verbs, modal verbs and conjunctions to form sentences and question words to frame questions and answer them. Acquaint themselves with the Akkusativ.
- CO2 - Introduce themselves, express personal preferences and participate in casual dialogues
- CO3 - Order food, handle shopping interactions and ask for directions in German
- CO4 - Learn common German greetings, football culture and about German media and German car brands
- CO5– Fill out forms in German and compose short messages and emails, using appropriate salutations and valedictions
- CO6 - Recognize essential words for urban navigation, clothing, weather and parts of the body
- CO7 – Read simple, unseen German texts and answer questions

Programme Outcomes (PO):

Upon successful completion of this two-semester programme, students will develop the following competencies:

- PO1 - Know about the origin of the German language vis-à-vis other European languages
- PO2 - Develop German pronunciation skills
- PO3 - Learn to count and tell time in German
- PO4 - Understand and apply elementary German Grammar
- PO5 - Speak in basic German
- PO6 - Demonstrate familiarity with German culture
- PO7 - Write short German sentences and messages
- PO8 - Gain knowledge of basic German vocabulary

Programme Specific Outcomes (PSO):

- PSO1 – Learn about German as a Germanic language and its place in the Indo-European School of Languages
- PSO2 – Recognize German diphthongs, consonant clusters, sounds and phonetic patterns for accurate pronunciation
- PSO3 – Understand formal and informal time and cardinal numbers in German
- PSO4 – Grasp key grammatical concepts involving main verbs, modal verbs, conjunctions and articles and personal pronouns as subjects and direct objects
- PSO5 – Speak and respond confidently in daily communication scenarios and understand and apply common greetings, expressions and conversational starters
- PSO6 – Get acquainted with aspects of German culture, like food and dining etiquette, punctuality, festivals, media, football craze and cars
- PSO7 – Communicate in German through short e-mails and messages and use conventional German salutations and valedictions.
- PSO8 – Acquire knowledge of vocabulary related to areas like colours, family, home, clothes, transport, cities, weather and parts of the body

Correlation Matrix between CO and PO and CO and PSO:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CO1				3	3		3	2				3	3		3	2
CO2		2		3	3			2		2		3	3			2
CO3		2		3	3			1		2		3	3			1
CO4		2			1	3				2			1	3		
CO5		1		2	1		3	2		1		2	1		3	2
CO6					2	1	2	3					2	1	2	3
CO7		1		3				3		1		3				3

Degree of Correlation: 1 – low, 2 – medium, 3 – high

	CLL Foreign Language Spanish PG Semester 1	L	T	P	C
Version 1.0	Contact Hours - 30	2	0	0	2
Course Codes	AEC410 (2 credits), CLL10003 (Non-Credit), CLL12004N (Non-Credit)				
Pre-requisites/Exposure	-				
Co-requisites	-				
Academic Year	2026-2027				

Programme Educational Objectives (PEO)

The Spanish Programme aims to equip students with fundamental linguistic, cultural and communicative competencies for practical applications. The educational objectives are:

- PEO1 – Equip students with the ability to communicate effectively in basic spoken and written Spanish in familiar contexts
- PEO2 – Provide a strong foundation in Spanish grammar, vocabulary and pronunciation
- PEO3 – Develop cross-cultural awareness and appreciation of Hispanic cultures and global diversity
- PEO4 – Enable students to engage in real-life situations using Spanish through listening, speaking, reading and writing practice

Course Description

This first-semester course offers a lively introduction to the Spanish language. Beginning with the Spanish alphabet and fundamental pronunciation, students will explore practical expressions used in greetings, introductions and everyday conversations. With a blend of situational vocabulary and grammar, learners will acquire useful words related to daily life—covering topics such as food, travel, time and the classroom. Simultaneously, students will master basic grammar concepts including verb conjugation, personal pronouns and articles.

Course Content

Module 1: Introduction [2 hours]

- Overview of the Indo-European Family of Languages
- Concept of Germanic, Romance and Slavic Languages
- Countries where Spanish is spoken: Spain, Latin America (Mexico, Colombia, Argentina, Peru, Chile) and others
- Spanish Colonies: Territories formerly controlled by Spain in Latin America, Asia and Africa
- Español vis-à-vis Catalán and Euskera

Module 2: From A to Ñ –A Flamenco of Spanish Letters and Sounds [4 hours]

- Alphabet and Pronunciation
 - Understanding special alphabets like ll and ch
 - Key consonant sounds: h (silent), j, r/rr, c (before e/i), g (before e/i), ñ
- Activity: Reading short Spanish texts with correct pronunciation

Module 3: Uno, Dos, Cha-Cha-Cha! – Dancing with Spanish Numbers [3 hours]

- Counting from 1 to 100
 - Basic arithmetic expressions like mas y menos
- Activity on numbers: (saying phone numbers and age)

Module 4: From Taco to Techo: Everyday Spanish Words you'll use: [4 hours]

- Colours and Shapes
 - Food and Drinks
 - Travel and Directions
 - Classroom and University
- Activity: Audio Comprehensions

Module 5: Grammar Fiesta [7 hours]

- Regular verb conjugations in the present tense (ar, er, ir)
- Verb "ser" and nationalities
- Verb "estar" and location
- Personal Pronouns
- Articles (Definite / Indefinite)

Module 6: Gramática avanzada - Advanced Spanish Grammar [2 hours]

- Prepositions: en — (in, on, at), a — (to, at), o — (or), con — (with), sin — (without), de — (of, from), para — (for), por — (by, through, because of)

Module 7: Saludos y Despedidas – The art of first impressions [3 hours]

- Hola, buenos días, buenas tardes, buenas noches
 - Farewell expressions: Adiós, hasta luego, nos vemos
 - Introducing yourself: name, nationality, profession
 - Introductions: Me llamo..., soy de..., estudio
- Activity: Rotating Pair Dialogues (Switch Partners every 3 minutes)

Module 8: Tick-Tock en Español – ¿Qué hora es? [3 hours]

- Telling time
 - Reading clocks and expressing dates
 - Days, months and seasons
- Activity: Identify time using images of clocks, telling date of birth and favourite seasons.

Module 9: Hispanic Culture [2 hours]

- Spanish and Latin American food culture: Paella, Tapas, Mate, Tortillas, Empanadas
- Everyday lifestyle: Siesta, Meal Schedules (Comida, Tapas, Meriendas, Sobremesa), "Mi casa es tu casa"
- Major festivals: La Tomatina (Buñol), Día de los Muertos, San Fermín (Pamplona), La Feria de Abril (Seville), Fallas de Valencia, La Mercè (Barcelona)

Course Outcomes (CO):

On completion of this first-semester course, the students will be able to

- CO1 - Understand the historical and linguistic background of Spanish within the Indo-European language family
- CO2 - Master the Spanish alphabet and build a foundation in pronunciation
- CO3 - Count in Spanish, tell time and express dates, days, months and seasons
- CO4 - Identify and use common vocabulary related to colours, food, directions and classroom settings to support communication in relevant contexts
- CO5 - Demonstrate understanding of elementary grammar, including personal pronouns, articles and present tense conjugation of regular and essential irregular verbs.
Acquaint themselves with a bit of advanced grammar in the form of prepositions
- CO6 - Use basic expressions to greet others and introduce themselves
- CO7 - Gain insights into Spanish cultural norms, traditions and etiquette, helping them blend into native conversations

Programme Outcomes (PO):

Upon successful completion of this two-semester programme, students will develop the following competencies:

- PO1 – Know about the origin and global spread of the Spanish language across continents
- PO2 – Develop accurate Spanish pronunciation skills
- PO3 – Learn to count and tell time in Spanish
- PO4 – Understand and apply elementary Spanish grammar
- PO5 – Speak in basic Spanish in everyday situations
- PO6 – Demonstrate familiarity with Spanish and Latin American cultures
- PO7 – Write short Spanish sentences and messages
- PO8 – Gain knowledge of basic Spanish vocabulary across everyday themes

Programme Specific Outcomes (PSO):

- PSO1 – Learn about Spanish as a Romance language and its place in the Indo-European School of Languages
- PSO2 – Recognize Spanish vowel sounds, diphthongs, consonant combinations and phonetic patterns for accurate pronunciation
- PSO3 – Understand formal and informal time, numbers and basic quantifiers in Spanish
- PSO4 – Grasp key grammatical concepts involving regular and irregular verbs, modal verbs, conjunctions, articles, personal pronouns, reflexive verbs and object pronouns
- PSO5 – Speak and respond confidently in everyday communication scenarios using greetings, expressions and conversational starters
- PSO6 – Get acquainted with Hispanic cultural elements such as food habits, dining etiquette, festivals, media, football culture and traditions across Spain & Latin America
- PSO7 – Communicate in Spanish through short emails and messages using conventional Spanish salutations and valediction. Fill up forms in Spanish.
- PSO8 – Acquire vocabulary related to areas such as colours and shapes, food and drinks, travel and direction, classroom and university, family members, navigating a city, clothing and accessories, expressions related to weather and parts of the body

Correlation Matrix between CO and PO and CO and PSO:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CO1	3								3							
CO2		3	2	2	2	2	2	2	2	3	2	2	2	2	2	2
CO3			3		1		1				3		1		1	
CO4					2	2	3	3					2	2	3	3
CO5				3	3		3					3	3		3	
CO6		2			3	2	1			2			3	2	1	
CO7					2	3		1					2	3		1

Degree of Correlation: 1 – low, 2 – medium, 3 – high

	CLL Foreign Language Spanish PG Semester 2	L	T	P	C
Version 1.0	Contact Hours - 30	2	0	0	2
Course Codes	AEC505 (2 credits), CLL10006 (Non-Credit), CLL22004N (Non-Credit)				
Pre-requisites/Exposure	-				
Co-requisites	-				
Academic Year	2026-2027				

Programme Educational Objectives (PEO)

The Spanish Programme aims to equip learners with essential linguistic, cultural and communicative abilities for practical everyday use.

PEO1 – Develop foundational speaking, reading, writing and listening skills for effective communication in Spanish

PEO2 – Understand key aspects of Hispanic cultures, traditions and social behaviour

PEO3 – Use Spanish confidently in real-life contexts such as introductions, shopping, directions and restaurant conversations

PEO4 – Build accuracy in Spanish grammar: verbs, pronouns, articles, possessives, reflexives and everyday sentence structures

Course Description

The Second Semester of the Spanish Language Course enhances students' linguistic competence by introducing practical grammar, thematic vocabulary and conversational fluency. Learners engage with real-life scenarios such as dining in a restaurant, shopping, asking for directions and describing daily routines. Through pair-work, simulations, audio-visual inputs and presentations, students build confidence in expressing themselves effectively in Spanish. Cultural elements from Spain and Latin America—festivals, food, media and traditions—are woven into classroom activities to enrich intercultural understanding.

Course Content

Module 1: Grammar - Misión: Gramática Posible

[10 hours]

- Everyday Spanish Verbs in the Present Tense:
 - Verbs like hablar, vivir, comer, escribir, comprar
 - Irregular Verbs: ser, estar, tener, ir, hacer, poner, decir
 - Stem - changing Verbs: pensar, pedir, poder, jugar
 - Reflexive Verbs with reflexive pronoun: levantarse, ducharse, ponerse, vestirse, acostarse
 - Vocabulary: Routines
- Conjunctions:
 - y / o / pero / porque / aunque
- Introduction to indirect object pronouns: me, te, le, nos, os, les
- Structure of gustar: me gusta / me gustan / te gusta / le gusta
- Using emphasis: A mí me gusta..., A ella le gusta...

Activities: Grammar Quizzes, Gap-fill Worksheets, Verb conjugation challenges

Module 2: Elementary Vocabulary**[4 hours]**

- Family Members: padre, madre, hijo, hija, Hermano, hermana, primo, prima, tío, tía, abuelo, Abuela etc.
- Navigating a City: aeropuerto, estación, calle, farmacia, banco etc.
- Clothing & Accessories: camisa, camiseta, pantalón o pantalones, falda, zapatos, gorro etc.
- Weather Expressions: hace frío, hace sol, hace Viento etc.
- Parts of the Body: cabeza, pierna, corazón, ojo, oreja, mano etc.

Activity: Audio Comprehension

Module 3: Speaking Spanish – Real Life Situations in the Hispanic World:**[8 hours]**

- Talking about likes and preferences for food, hobbies, people, activities
Activities: Pair conversation: “¿Qué te gusta hacer?”
Students create 5 sentences about their likes/dislikes or quick class survey using gustar (food, sports, music)
- Shopping Without Panic – Spanish Markets
Useful phrases: ¿Cuánto cuesta?, ¿Tiene otra(talla)?, Busco...
Numbers from 100 - 1000
Activity: Market Roleplay – “Cliente y dependiente”
- Public Transport & Asking for Basic Directions
Phrases for bus stops, metro stations and travel
Expresiones: ¿Dónde está...?, ¿Cómo llego a...?
Activities: Role Play – Asking for directions to famous cities/landmarks
Buying tickets at a metro station

Module 4: Writing Skills and Form Filling in Spanish**[3 hours]**

- Essential form vocabulary:
nombre, apellido, dirección, fecha de nacimiento, correo electrónico, número de teléfono, firma
Activity: Fill a brief personal information form or complete a short hotel/registration form based on a given scenario.
- Writing short (20–25 word) E-mails or messages
Informal: Greetings- Hola / Querido / Querida and Closings- Un abrazo / Nos vemos pronto
Activity: Students write a short message or email based on a given scenario

Module 5: Spanish Culture**[3 hours]**

- Mastering Greetings for Festivals & Social Occasions:
¡Feliz cumpleaños! / ¡Buena suerte! / ¡Felices fiestas! / ¡Feliz Año Nuevo!
- Spanish & Latin American Media:
Newspapers: El País, La Vanguardia
TV/Channels: RTVE, Univisión, Telemundo
Popular Spanish podcasts
- Football Fever – A Spanish Passion
La Liga Overview
Famous Clubs: FC Barcelona, Real Madrid, Atlético de Madrid

Module 6: Reading Comprehension and Translation

[2 Hours]

Activity: Students will read short and simple unseen texts and answer questions based on these texts
Comprehension Gym – a workout for the brain, lifting sentences instead of weights.

Course Outcomes (CO):

By the end of the course, students will be able to:

- CO1 – Use essential Spanish regular verbs, irregular verbs, conjunctions and indirect object pronouns to form meaningful sentences.
- CO2 – Recognize essential Spanish vocabulary related to family members, city navigation, clothing, weather and parts of the body
- CO3 – Introduce themselves, express personal preferences (including gustar) and participate in casual dialogues and use numbers from 100 – 1000.
- CO4 – Order food, handle shopping interactions and ask for directions in Spanish.
- CO5 – Compose short messages or emails using appropriate Spanish salutations, understand and formulate dialogues and fillup forms in Spanish.
- CO6 – Learn common Spanish greetings and gain insight into Hispanic festivals, football culture and Spanish/Latin American media.
- CO7 – Read simple, unseen Spanish texts and answer questions

Programme Outcomes (PO):

Upon successful completion of this two-semester programme, students will develop the following competencies:

- PO1 – Know about the origin and global spread of the Spanish language across continents
- PO2 – Develop accurate Spanish pronunciation skills
- PO3 – Learn to count and tell time in Spanish
- PO4 – Understand and apply elementary Spanish grammar
- PO5 – Speak in basic Spanish in everyday situations
- PO6 – Demonstrate familiarity with Spanish and Latin American cultures
- PO7 – Write short Spanish sentences and messages
- PO8 – Gain knowledge of basic Spanish vocabulary across everyday themes

Programme Specific Outcomes (PSO):

- PSO1 – Learn about Spanish as a Romance language and its place in the Indo-European School of Languages
- PSO2 – Recognize Spanish vowel sounds, diphthongs, consonant combinations and phonetic patterns for accurate pronunciation
- PSO3 – Understand formal and informal time, numbers and basic quantifiers in Spanish
- PSO4 – Grasp key grammatical concepts involving regular and irregular verbs, modal verbs, conjunctions, articles, personal pronouns, reflexive verbs and object pronouns
- PSO5 – Speak and respond confidently in everyday communication scenarios using greetings, expressions and conversational starters
- PSO6 – Get acquainted with Hispanic cultural elements such as food habits, dining etiquette, festivals, media, football culture and traditions across Spain & Latin America
- PSO7 – Communicate in Spanish through short emails and messages using conventional Spanish salutations and valediction. Fill up forms in Spanish.
- PSO8 – Acquire vocabulary related to areas such as colours and shapes, food and drinks, travel and direction, classroom and university, family members, navigating a city, clothing and accessories, expressions related to weather weather and parts of the body

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CO3		2	3	2	2					2	3	2	2			
CO4		2		3	3					2		3	3			
CO5				2			3	2				2			3	2
CO6				2	1	3						2	1	3		
CO7		2		3			3	2		2		3			3	2

Degree of Correlation: 1 – low, 2 – medium, 3 – high