

Curriculum and Credit Framework for Postgraduate Programmes of the University.

INTRODUCTION

India's rapid economic growth depends heavily on strengthening its research and knowledge systems. To become a global knowledge leader, India must expand its research output and higher education infrastructure. The National Education Policy (NEP) 2020 supports this vision by promoting multidisciplinary education, flexible degree structures, and research opportunities from the undergraduate level. It encourages structured pathways in both undergraduate (3- or 4-year programs with certifications at various stages) and postgraduate education to equip students with advanced knowledge and skills, transforming them from learners to knowledge creators.

The NEP 2020 makes several key recommendations for postgraduate (PG) education:

- A **2-year PG programme** is suggested for students with a 3-year Bachelor's degree, with the second year focused on research.
- Students with a **4-year Bachelor's (Honours/Honours with Research)** may pursue a **1-year PG programme**.
- **Integrated 5-year Bachelor's/Master's programmes** may be offered.
- Universities are encouraged to offer PG programmes in **core areas** like Machine Learning, **multidisciplinary fields** such as "AI + X," and **professional domains** like healthcare, agriculture, and law.
- A **National Higher Education Qualifications Framework (NHEQF)** will define PG qualifications based on learning outcomes at levels 6, 6.5, and 7.
- The PG structure will align with the **National Credit Framework (NCrF)** for standardized credit accumulation, transfer, and recognition of learning.

The main features of the postgraduate (PG) curriculum framework focus on flexibility and learner choice:

- Students can **switch between disciplines** or shift from a major to a minor subject (or vice versa) based on competence.
- There is **freedom to choose courses** based on personal interests.
- Learners can **switch between learning modes**—offline, online, open and distance learning (ODL), or hybrid formats.

- The framework supports **academic mobility and flexibility** through the **Academic Bank of Credits** and **Multiple Entry and Exit** options, as per UGC regulations.

CREDIT REQUIREMENT AND ELIGIBILITY FOR THE PG PROGRAMME

- ☒ A bachelor's degree with Honours/ Honours with Research with a minimum of 160 credits for a 1-year/2-semester PG programme at level 6.5 on the NHEQF.
- ☒ A 3-year/6-semester bachelor's degree with a minimum of 120 credits for a 2-year/4-semester PG programme at level 6.5 on the NHEQF.
- ☒ A 4-year Bachelor's degree (e.g. B.E., B.Tech. etc.) with a minimum of 160 credits for a 2-year/4-semester PG programme (e.g. M.E., M. Tech. etc.) at level 7 of NHEQF.
- ☒ A student is eligible for a PG programme in a discipline corresponding to either major or minor(s) discipline in UG programme. In this case, the University can admit the students in the PG programme based on the student's performance in the UG programme or through an entrance examination. However, irrespective of the major or minor disciplines chosen by a student in a UG programme, a student is eligible for admission in any discipline of PG programmes if the student qualifies the National level or University level entrance examination in the discipline of the PG programme.

GENERIC OUTCOMES OF LEARNING AT A POSTGRADUATE LEVEL

The **National Higher Education Qualifications Framework (NHEQF)** outlines the expected **learning outcomes** for each qualification level, from **Level 4.5 (first-year UG)** to **Level 8 (doctoral level)**. These outcomes define what students should know and be able to do upon completing their studies. For **postgraduate (PG)** education, the relevant NHEQF levels and their corresponding qualifications and credit points are:

- **PG Diploma:** Level 6, 40 credits, 240 credit points
- **1-Year PG (after 4-year UG):** Level 6.5, 40 credits, 260 credit points
- **2-Year PG (after 3-year UG):** Level 6.5, 80 credits, 260 credit points
- **2-Year PG (after 4-year UG like B.E., B.Tech.):** Level 7, 80 credits, 280 credit points

These levels help standardize learning outcomes and graduate attributes across institutions and programmes.

GRADUATE ATTRIBUTES OF PG PROGRAMMES

Graduate attributes of postgraduate (PG) programmes reflect advanced academic and practical competencies. Graduates are expected to:

- Possess **deep and original knowledge** beyond undergraduate level, often with a research focus.
- **Apply knowledge and solve problems** in unfamiliar or multidisciplinary contexts.
- **Integrate and evaluate complex information**, considering social and ethical implications.
- **Communicate effectively** with both expert and general audiences.
- Demonstrate **autonomous learning abilities** for continued, self-directed study.

The **NHEQF** defines these achievements using descriptors such as:

- Knowledge and understanding
- Technical and professional skills
- Application of knowledge
- Generic learning outcomes
- Ethical, constitutional, and human values
- Employability, entrepreneurship, and job-readiness.

DESIGNS OF POSTGRADUATE PROGRAMME

The **NEP 2020** allows **higher education institutions (HEIs)** flexibility in designing **postgraduate (PG) programmes**, primarily in three formats: **1-year PG, 2-year PG, and integrated 5-year programmes**. However, variations arise due to factors like:

- Different types of **4-year UG degrees** (Honours vs. Honours with Research)
- **Creditization of work experience**
- **Interdisciplinary combinations** with emerging fields like AI and Machine Learning

As a result, the actual number of curricular frameworks is more diverse, and institutions are expected to design PG curricula aligned with the programme's **graduate attributes**.

CURRICULAR COMPONENTS

Curricular Components For 2-year PG:

Students entering 2-year PG after a 3-year UG programme can choose to do

- (i) only course work in the third and fourth semester or
- (ii) course work in the third semester and research in the fourth semester or
- (iii) only research in the third and fourth semester.

Students pursuing 1-year

PG: Students entering 1-year PG after a 4-year UG programme can choose to do

- (i) only coursework or
- (ii) research or
- (iii) coursework and research.

5-year Integrated Programme (UG+PG):

At the PG level, the curricular component of 5- year integrated programme will be similar to that of 2-year PG mentioned above.

NEP 2020 RECOMMENDATIONS RELEVANT TO PG EDUCATION

The NEP 2020 outlines a transformative vision for postgraduate education. In line with the vision of NEP 2020, the postgraduate curriculum at St Aloysius University is developed to enable academic mobility, flexibility, and employability. The policy recommends a 1-year PG Diploma programme for students with a 3 or 4-year UG degree, a 2-year PG programme for students with a 3-year UG degree. The structure supports choice-based learning, multiple entry and exit options, and a research focus for students seeking to pursue higher-order academic and professional goals.

The University is actively working towards expanding its academic offerings in alignment with the evolving needs of learners and the higher education landscape. As part of its future roadmap, the institution envisions launching a One-Year Postgraduate Programme, specifically designed for students who have completed a Four-Year Honours Bachelor's degree with a strong research component. This initiative aims to provide an accelerated path for academically advanced students to pursue postgraduate education without redundancy, while maintaining academic rigor and depth.

In addition, the University is preparing to introduce Integrated Five-Year Bachelor's and Master's Programmes, which will enable seamless academic progression from undergraduate to postgraduate studies. These integrated programmes are intended to offer a cohesive learning experience that supports long-term academic and professional development.

Furthermore, recognizing the demands of a rapidly transforming job market, the University is also planning to introduce a suite of vocational and interdisciplinary programmes. These offerings will be tailored to prepare graduates with practical skills, cross-disciplinary knowledge, and the adaptability required to excel in emerging sectors and industries. By

integrating academic learning with real-world applications, these programmes aim to enhance employability and foster innovation among graduates.

The curriculum at our university encourages high-quality research, industry interface, and use of digital resources and open learning platforms like SWAYAM and MOOCs. Our institution incorporates these elements through blended learning and academic collaborations.

PG framework are in sync with National Credit Framework (NCrF) for the creditization of all learning and assignment, accumulation, storage, transfer & redemption of credits, subject to assessment.

A student is eligible for a PG programme in a discipline corresponding to either major or minor(s) discipline in UG programme. In this case, the University can admit the students in the PG programme based on the student's performance in the UG programme or through an entrance examination. However, irrespective of the major or minor disciplines chosen by a student in a UG programme, a student is eligible for admission in any discipline of PG programmes if the student qualifies the National level or University level entrance examination in the discipline of the PG programme.

OUTCOMES OF LEARNING AT A POSTGRADUATE LEVEL

Under the National Higher Education Qualifications Framework (NHEQF), higher education qualifications are classified along a continuum of levels from level 4.5 to level 8. The NHEQF levels represent a series of sequential stages expressed in terms of a range of learning outcomes against which typical qualifications are positioned/located. NHEQF level 4.5 represents learning outcomes appropriate to the first year (first two semesters) of the undergraduate programme of study, while Level 8 represents learning outcomes appropriate to the doctoral-level programme of study.

The PG qualifications offered at the University correspond with NHEQF levels 6 and 6.5. In

S.No.	Programme Type	Level	Credits	Credit Points	Duration
1.	P.G. Diploma	6	40	240	2 Semesters
2.	2-Year PG after a 3-year UG	6.5	40 + 40	260	4 Semesters

accordance with the NHEQF, the levels for the PG programme are given in the Table.1

Each credit comprises of minimum of 15 hours of classroom instruction or 30 hours of practical/field engagement.

The credits distribution per semester for each programme offered by the University is given in the table mentioned below-

Sl.No.	PG Programmes	Semester I	Semester II	Semester III	Semester IV	Total credits
1.	M.A. (Media and Communication)	23	22	24	23	92
2.	M.A. (Economics)					
3.	M.A. (English)	21	21	22	22	86
4.	M.S.W.	24	22	25	21	92
5.	M.B.A.	22	22	22	26	92
6.	M.Com. (Finance and Analytics)	22	24	22	25	93
7.	M.Sc. (Biotechnology)	24	25	23	20	92
8.	M.Sc. (Biochemistry)	21	25	24	22	92
9.	M.Sc. (Bioinformatics)	25	25	20	22	92
10.	M.Sc. (Software Technology)	25	24	22	20	91
11.	M.Sc. (Analytical Chemistry)	24	24	22	22	92
12.	M.Sc. (Corporate Psychology)					
13.	M.Sc. (Mathematics)	23	23	22	24	92
14.	M.Sc. (Physics)	25	25	20	21	91
15.	M.Sc. (Chemistry)	24	24	22	22	92
16.	M.Sc. (Food Science and Technology)	26	24	19	23	92
17.	M.C.A.	25	26	25	16	92
18.	M.Sc. (Big Data Analytics)					
19.	M.Sc. (Food Science, Nutrition and Dietetics)	26	24	19	23	92
20.	M.Sc. Data Science					
21.	PGD BM	20	20	-	-	40

At the end of their chosen PG programme at St Aloysius (Deemed to be University), students are expected to demonstrate the following:

- Comprehensive Domain Knowledge with analytical and critical reasoning skills.
- Research Competence including problem identification, hypothesis development, data analysis, and dissemination.
- Digital and Communication Proficiency, teamwork and leadership abilities.
- Ethical Reasoning and awareness of sustainable and inclusive development.
- Adaptability and Lifelong Learning Orientation suited to changing employment landscapes.

These learning outcomes are monitored through a combination of formative and summative assessments, reflective journals, presentations, project reports, and viva-voce. The curriculum integrates learning outcomes, course objectives, skill development, and knowledge application. The University ensures that all PG programmes are compliant with UGC Regulations, AICTE (for technical courses), and other sector-specific accreditation bodies. The PG framework is also aligned with the National Skills Qualifications Framework (NSQF), and encourages interdisciplinary electives, vocational inputs, and innovation. Through this alignment, the University contributes to achieving the Sustainable Development Goals (SDGs) and national priorities in education

GRADUATE ATTRIBUTES OF PG PROGRAMMES

At St Aloysius (Deemed to be University), the postgraduate degree qualifications are awarded to students who have successfully demonstrated comprehensive academic and professional competencies in accordance with the institution's commitment to excellence and holistic development.

i) Graduates are expected to possess in-depth knowledge and understanding that not only builds upon their undergraduate foundation but also extends and enriches it. This advanced knowledge serves as a platform for original thinking and innovation, particularly within research-oriented contexts.

ii) They are equipped to apply their learning, analytical reasoning, and problem-solving abilities in novel or unfamiliar situations, often within broad or interdisciplinary frameworks relevant to their chosen field of study.

iii) Postgraduate learners also demonstrate the capacity to synthesize complex information, exercise sound judgment in the face of ambiguity, and engage thoughtfully with the ethical and societal dimensions of their academic and professional pursuits.

iv) Additionally, they are trained to articulate their insights and research findings effectively, communicating clearly and persuasively with both expert and non-expert audiences.

v) Finally, graduates are expected to exhibit strong self-directed learning abilities, enabling them to pursue continuous intellectual growth and professional development with autonomy and initiative.

In alignment with the National Higher Education Qualifications Framework (NHEQF), St Aloysius University adopts a comprehensive set of learning descriptors that reflect the following achievement domains:

- Advanced knowledge and conceptual understanding
- Disciplinary, technical, and transferable skills for real-world application
- Effective application of knowledge in professional and research contexts
- Development of independent, critical, and reflective thinking
- Upholding of constitutional values, ethics, and social responsibility
- Readiness for employment, entrepreneurship, and innovation-driven roles

Through this structured approach, the University ensures that its postgraduate programmes not only meet national academic standards but also prepare graduates to be thoughtful, skilled, and responsible contributors to society.

CREDIT REQUIREMENTS FOR PG PROGRAMMES

Sl.No.	Qualifications	Level	Credits	Credit Points
1.	P.G. Diploma	6	40	240
2.	1-Year PG after a 4-year UG	6.5	40	260
3.	2-Year PG after a 3-year UG	6.5	40 + 40	260
4.	2-Year PG after a 4-year UG such as B.E., B. Tech. etc.	7	40 + 40	280

These credit distributions are designed to ensure that students acquire the necessary depth and breadth of knowledge and skills in their chosen fields of study.

Credit Distribution

For 1-year PG

Curricular Components	PG Programme (one year) for 4-yr UG (Hons./Hons. with Research) Minimum Credits			
	Course Level	Coursework	Research thesis/project/Patent	Total Credits
Coursework + Research	500	20	20	40
Coursework	500	40	--	40
Research	-	-	40	

For 2-year PG

Curricular Components		Two-Year PG Programme (Generic and Professional) Minimum Credits			
		Course Level	Coursework	Research thesis/project/Patent	Total Credits
PG Diploma		400	40	--	40
1 st Year (1 st & 2 nd Semester)		400 500	24 16	--	40
Students who exit at the end of 1 st year shall be awarded a Postgraduate Diploma					
2 nd Year (3 rd & 4 th Semester)	Coursework & Research	500	20	20	40
	Coursework (or)	500	40	--	40
	Research	--	--	40	40

CURRICULAR COMPONENTS

In line with national academic flexibility, St Aloysius (Deemed to be University) offers multiple curricular pathways in its 2-year postgraduate programmes for students entering after a 3-year undergraduate degree. Students can choose from the following options in their third and fourth semesters:

1. Course work only in both semesters
2. Course work in the third semester and research in the fourth semester
3. Research-focused approach in both semesters

This flexible structure allows students to align their academic journey with their career goals, whether oriented towards employment, research, or further studies.

The University is in the process of incorporating 1-year postgraduate programmes for students completing a 4-year UG degree with Honours or Honours with Research, in line with NEP guidelines. Additionally, the university is planning to launch 5-year Integrated UG-PG programmes that provide a seamless academic progression from undergraduate to postgraduate studies. These integrated programmes are designed to nurture research skills, interdisciplinary learning, and professional readiness from an early stage.

Both programme designs will be implemented in the coming academic years, ensuring greater flexibility, academic depth, and alignment with national higher education reforms

EXIT POINT

For those who join 2-year PG programmes, there shall only be one exit point. Students who exit at the end of 1st year shall be awarded a Postgraduate Diploma. The PG programme should include vocational courses relevant to the chosen discipline.

FLEXIBILITY IN POSTGRADUATE EDUCATION AT ST ALOYSIUS (DEEMED TO BE UNIVERSITY)

Flexibility is a cornerstone of the *National Education Policy (NEP) 2020*, and St Aloysius (Deemed to be University) fully embraces this vision to offer students greater choice, mobility, and convenience in their academic journeys.

Multiple Learning Pathways

One of the key advantages of postgraduate programmes at our University is the flexibility they offer:

- **Online Postgraduate Programmes:** Students can enroll in online postgraduate courses alongside their current professional or personal responsibilities. This allows learners to earn an advanced degree while continuing to work, making higher education more accessible.
- **Pursuing Two Postgraduate Programmes Simultaneously:** St Aloysius supports the simultaneous pursuit of:
 1. Two full-time physical mode programmes (provided there is no class timing overlap).
 2. One full-time physical mode programme and one online programme.
Example: A student may pursue a full-time M.Sc. Chemistry programme on campus while also being enrolled in an Online MBA programme from The University of Olivet.

Note: While ODL (Open and Distance Learning) is not offered at St Aloysius (Deemed to be University), approved online programmes from recognized institutions are supported under the University's flexible academic framework.

Creditization of Work Experience

St Aloysius also aligns with the National Credit Framework (NCrF), which allows the **creditization of relevant work experience** for postgraduate academic progression.

Under this model:

- Work experience gained after completing a specific academic programme may be assessed and assigned credits.
- This enables candidates to shorten the duration of a PG programme or meet credit requirements through validated experiential learning.
- The **maximum weightage** for work experience credit is **equal to the base qualification credit**, provided the experience meets the duration and relevance standards set by the NCrF.

The **Academic Bank of Credits (ABC)** system facilitates the redemption of these credits, promoting both **horizontal and vertical mobility** and allowing flexible entry and exit options within higher education.

SWITCHING SUBJECTS IN POSTGRADUATE PROGRAMMES

At **St Aloysius (Deemed to be University)**, we recognize that a student's first degree may often spark new academic interests or aspirations for a different career path. In line with the progressive spirit of the **National Education Policy (NEP) 2020**, the University encourages academic mobility and provides flexible pathways for switching disciplines at the postgraduate level.

Postgraduate programmes at St Aloysius offer students the opportunity to explore new academic domains and realign their career goals through the following provisions:

a) Eligibility Based on Undergraduate Major/Minor

A student is eligible for admission into a postgraduate programme if they have studied the **major or minor discipline** in the same subject area during their undergraduate programme.

b) Admission Through SAUET for Interdisciplinary Programmes

Irrespective of the undergraduate major or minor disciplines, a student is eligible for admission to a **postgraduate programme in a different discipline**—*only within interdisciplinary fields*—if the student qualifies the **St Aloysius University Entrance Test (SAUET)** conducted by the University for that particular programme.

This provision enables students to transition into allied or complementary academic areas, fostering interdisciplinary learning while maintaining academic rigor through a standardized entrance evaluation.

ASSESSMENT STRATEGY

At **St Aloysius (Deemed to be University)**, our assessment approach is inspired by the vision of **NEP 2020**, which emphasizes **formative** and **continuous evaluation** over traditional summative models. The objective is to promote deeper learning, critical thinking, and holistic development in students.

Accordingly, our postgraduate assessment framework incorporates both **formative (ongoing)** and **summative (end-of-term)** components, ensuring a balanced and meaningful evaluation process.

- **Formative Assessment:** Includes quizzes, assignments, presentations, projects, reflective journals, class participation, and other continuous evaluation tools that offer students feedback and opportunities for improvement throughout the semester.
- **Summative Assessment:** Conducted at the end of each course/module through written exams, practicals, dissertations, or major projects to assess the comprehensive understanding of the subject.

All assessment strategies at St Aloysius are **learning outcome-based**, ensuring that evaluation methods directly measure the skills, knowledge, and competencies outlined in the course objectives. This alignment ensures relevance and fairness in assessing student performance.

For reference and further alignment, the University follows the **UGC Guidelines for Innovative Pedagogical Approaches and Evaluation Reforms**, adapting them to our institutional ethos and academic goals.

PLAGIARISM CHECK

At **St Aloysius (Deemed to be University)**, **academic integrity** and **research ethics** are fundamental to all scholarly activities. The University has established a robust mechanism to uphold research standards and prevent academic misconduct, particularly **plagiarism**.

To ensure originality in academic submissions, the University uses **DrillBit plagiarism detection software** to screen:

- **Project Reports**
- **Project Proposals**
- **Theses and Dissertations**

All submitted research documents undergo mandatory plagiarism screening through this software, and students are expected to adhere strictly to the University's academic integrity policies. The acceptable similarity threshold and consequences for violations are clearly defined in the University's academic regulations.

Research integrity is embedded into all postgraduate programmes and is reinforced through orientation sessions, faculty mentorship, and continuous awareness about ethical research practices.

COMPUTATION OF SGPA AND CGPA

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

The SGPA is the ratio of the sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$SGPA (S_i) = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

Where C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course.

The Cumulative Grade Point Average (CGPA) is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

where S_i is the SGPA of the i th semester and C_i is the total number of credits in that semester.

GRADING

% Marks in a paper/practical	Grade Point (GP)	Semester GPA/Program CGPA	Alpha Sign/Letter Grade	Semester/Program % of marks	Result/Class Description
98-100	10	9.00-10.00	O (outstanding)	90.0-100	Outstanding
93-97	9.5				
88-92	9.0				
83-87	8.5	8.00-<9.00	A+ (Excellent)	80.0-<90.0	First Class Exemplary
78-82	8.0				
73-77	7.5	7.00-<8.00	A (very Good)	70.0-<80.0	First Class Distinction
68-72	7.0				

63-67	6.5	6.00-<7.00	B+	60.0-<70.0	First Class
58-62	6.0		(Good)		
53-57	5.5	5.50-<6.00	B (Above Average)	55.0-<60.0	High Second Class
48-52	5.0	5.00-<5.50	C (Average)	50.0-<55.0	Second Class
43-47	4.5	4.00-<5.00	P (Pass)	40.0-<50.0	Pass Class
40-42	4.0				
Below 40	0	Below 4.00	F (Fail)	Below 40	Fail/Reappear
AB (Absent)	0	--	--	Absent	--

The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Transcript (Format): Based on the above recommendations on Letter grades, grade points and SGPA and CCPA, the HEIs may issue the transcript for each semester and a consolidated transcript indicating the performance in all semesters.

Note: Students who have already enrolled and are pursuing UG programme as per Choice Based Credit System (CBCS) are eligible to pursue 4-year undergraduate programme and the university concerned may provide bridge courses (including online courses) to enable them for transition to CCFUGP.

APPROVAL CLAUSE

These regulations have been reviewed and recommended by the Academic Council in its meeting dated, and subsequently approved by the Executive Council in its meeting dated The regulations shall come into force from the academic year 2025-26.

APPENDIX
STRUCTURE OF PG PROGRAMMES

M.A. (English)

Credit Distribution (Masters In English)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Soft Core Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/Seminar/Dissertation)	Total Credits
I	Ah4kphc500 (4) Ah4kphc501 (4) Ah4kppr500 (4)	Ah4kpsc501 (3) Ah4kpsc503 (3) Ah4kpsc504 (3)	Nil	Nil	Nil	21
Ii	Ah4kphc550 (4) Ah4kphc551 (4) Ah4kphc552 (4)	Ah4kpsc572 (3) Ah4kpsc573 (3)	Nil	Ah4kpsc575 (3)	Nil	21
Iii	Ah4kphc600 (4) Ah4kphc601 (4) Ah4kphc602 (4) Ah4kphc603 (4)	Ah4kpsc621 (3)	Nil	Ah4kpsc623 (3)	Nil	22
Iv	Ah4kphc650 (4) Ah4kphc651 (4) Ah4kphc652 (4)	Ah4kpsc671 (3) Ah4kpsc673 (3)	Nil	Nil	Project (4)	22
Total Credits	52	24		06	04	86

1. M.S.W.

Credit Distribution (Master In Social Work)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/Seminar/Dissertation)	Total Credits
I	Ah4ophc500 (5) Ah4ophc501 (5) Ah4ophc502 (5) Ah4opfw500 (5)	Ah4opsc500 (4)				24
II	Ah4ophc550 (5) Ah4ophc551 (5) Ah4ophc552 (5)	Ah4opsc571 (4)		Ah4opoe589 (3)		22
III	Ah4ophc600 (5) Ah4ophp600 - Cd (5) Ah4ophp601 - Mpsw (5) Ah4ophp602 - Hrd (5)	Ah4opsc621 (4) Ah4opsc623 - Cd (4) Ah4opsc622 - Cd (4) Ah4opsc625 - Mpsw (4) Ah4opsc624 - Mpsw (4) Ah4opsc627 - Hrd (4) Ah4opsc626 - Hrd (4)		Ah4opoe639 (3)		25
IV	Ah4ophp650 - Cd (5) Ah4ophp651 - Mpsw (5) Ah4ophp652 - Hrd (5)	Ah4opsc671 (4) Ah4oppr686 (4) Ah4opsc673 - Cd (4) Ah4opsc672 - Cd (4) Ah4opsc675 - Mpsw (4) Ah4opsc674 - Mpsw (4) Ah4opsc677 - Hrd (4) Ah4opsc676 - Hrd (4)				21
Total Credits	50	36		6		92

2. MBA

Credit Distribution (MBA)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	Bm6cphc500 (4) Bm6cphc501 (4) Bm6cphc502 (4) Bm6cphc503 (4) Bm6cphc504 (4) Bm6cphc505 (4) (4 Out Of 6)	Bm6cpsc500 (3) Bm6cpsc501 (3) Bm6cpsc502 (3) Bm6cpsc503 (3) Bm6cpsc504 (3) (2 Out Of 5)	Gavel Club/Language Learning Lab (Non-Credit Course)	-	Foundations Of Excel (Non-Credit Course)	22
II	Bm6cphc550 (4) Bm6cphc551 (4) Bm6cphc552 (4) Bm6cphc553 (4) Bm6cphc554 (4) Bm6cphc555 (4) (4 Out Of 6)	Bm6cpsc571 (3) Bm6cpsc572 (3) Bm6cpsc573 (3) Bm6cpsc574 (3) (2 Out Of 4)	Business Skill Development (Non-Credit Course)	-	Data Analysis With Spss (Non-Credit Course)	22
III	Bm6cphc600a/ Bm6cphc600b/ Bm6cphc600c (4) Bm6cphc601a/ Bm6cphc601b/ Bm6cphc601c (4)	Bm6cpsc621a Bm6cpsc621b Bm6cpsc621c Bm6cpsc621d Bm6cpsc622a Bm6cpsc622b Bm6cpsc622c Bm6cpsc623a Bm6cpsc623b Bm6cpsc623c Bm6cpsc624a Bm6cpsc624b Bm6cpsc624c Bm6cpsc624d Bm6cpsc625a Bm6cpsc625b Bm6cpsc625c (2 Each In 2 Areas Of Specialization)	Integrated Management Lab (Non-Credit Course)	-	Personal Financial Planning (Non-Credit Course)	22

IV	Bm6cphc650 (4) Bm6cphc651a/ Bm6cphc651b/ Bm6cphc651c (4) (1 Out Of 3)	Bm6cpsc671a Bm6cpsc671b Bm6cpsc671c (3) Bm6cpsc672a Bm6cpsc672b Bm6cpsc672c (3) Bm6cpsc673a Bm6cpsc673b Bm6cpsc673c (3) Bm6cpsc674a Bm6cpsc674b Bm6cpsc674c Bm6cpsc674d (3) Bm6cpsc675a Bm6cpsc675b Bm6cpsc675c (3) (2 Each In 2 Areas Of Specialization)	Entrepreneurs hip Development (Non- Credit Course)	-	Bm6cpin688 (Sip)	26
Total Credits	52	36	-	-	4	92

3. M.Com.

4. M.Com. (Finance And Analytics)

M.Com (Finance And Analytics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	Cf5gphc500 (4) Cf5gphc501 (4) Cf5gphc502 (4)	Cf5gpsc500 (3) Cf5gpsc501/ Cf5gpsc502 (3)			Cf5gpsp500 (4)	22
II	Cf5gphc550 (4) Cf5gphc551 (4)	Cf5gpsc571 (3) Cf5gppr586 / Cf5gpsc572 (3)		Cf5gpoe589 (3)	Cf5gpsp571 (4) Cf5gpin588 (3)	24
III	Cf5gphc600 (4) Cf5gphc601 (4) Cf5gphc602 (4)	Cf5gpsc622/ Cf5gpsc623 (3)		Cf5gpoe639 (3)	Cf5gpsc621 (4)	22
IV	Cf5gphc650 (4) Cf5gphc651 (4)	Cf5gpsc671 (3) Cf5gpsc672 (3) Cf5gpsc673/ Cf5gpsc674 (3)			Cf5gphc652 (4) Cf5gppr686 (4)	25
Total Credits	40	24		06	23	93

5. M.Sc. (Biotechnology)

Credit Distribution -M.Sc Biotechnology						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/Seminar/Dissertation)	Total Credits
I	Ls2gphc500 (4) Ls2gphc501 (4) Ls2gphc502 (4)	Ls2gpssc500 (3) Ls2gpssc501 (3)			Ls2gphp500 (2) Ls2gphp501 (2) Ls2gpssp500 (2)	24
II	Ls2gphc550 (4) Ls2gphc551 (4)	Ls2gpssc571 (3) Ls2gpssc572 (3)		Ls2gpoe589 (3)	Ls2gphp550 (2) Ls2gphp551 (2) Ls2gpssp571 (2) Ls2gpssp572 (2)	25
III	Ls2gphc600 (4) Ls2gphc601 (4)	Ls2gpssc621 (3) Ls2gpssc622 (3)		Ls2gpoe639 (3)	Ls2gphp600 (2) Ls2gphp601 (2) Ls2gpssp621 (2)	23
IV		Ls2gpssc671 (3) Ls2gpssc672 (3)			Project - Ls2gpapr686 (14)	20
Total Credits	28	24		6	34	92

6. M.Sc. (Biochemistry)

Credit Distribution (Msc Biochemistry)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/Seminar/Dissertation)	Total Credits
I	Ls2hphc500 (4) Ls2hphc501 (4)	Ls2hpsc500 (3) Ls2hpsc501a (3)			Ls2hphp500 (4) Ls2hpsp500a (3)	21
Ii	Ls2hphc550 (4) Ls2hphc551 (4) Ls2hphc552 (4)	Ls2hpsc571a (3)		Ls2hpoe589 (3)	Ls2hphp550 (4) Ls2hpsp572a (3)	25
Iii	Ls2hphc600 (4) Ls2hphc601 (4)	Ls2hppr636 (3) Ls2hpsp621a (3)		Ls2hpoe639 (3)	Ls2hphp600 (4) Ls2hpsp622a (3)	24
Iv	Ls2hphc650 (4)	Ls2hpsc671a (3)			Ls2hppr686 (12) Ls2hpsp672a (3)	22
Total Credits	32	18		6	36	92

7. M.Sc. (Bioinformatics)

Credit Distribution (Bio Informatics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/Seminar/Dissertation)	Total Credits
I	It3gphc500 (4) It3gphc501 (4) It3gphc502 (4) It3gphc503 (4) It3gpssc500 (4)	It3gphp500 (3) It3gpssp500 (3)		It3gpssp501 (3)		25
II	It3gphc550 (4) It3gphc551 (4)	It3gphp550 (3) It3gpssc571 (3) It3gpssc572 (3) It3gpssp571 (3)		It3gpoe639 (3)		25
III	It3gphc600 (4) It3gphc601 (4)	It3gphp600 (3) It3gpssc621 (3) It3gpssc622 (3) It3gpssp621 (3)		It3gpoe640 (3)		20
IV	Domain Knowledge Project Research Project					22
Total Credits	58	30		09		92

8. M.Sc. (Software Technology)

Credit Distribution M.Sc (Software Technology)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/Seminar/Dissertation)	Total Credits
I	It3fphc500 (4) It3fphc501 (4) It3fphc502 (4) It3fphc503 (4)	It3fpssc500 (3)			It3fphp500 (3) It3fpssp500 (3)	25
II	It3fphc550 (4) It3fphc551 (4)	It3fpssc571/It3fpssc572 (3) It3fpssc573/It3fpssc574 (3)	It3fpssc575 (1) It3fpapr586 (1)	It3fpssc576 /It3fpssc577 (2)	It3fphp550 (3) It3fpssp571 (3)	24

III	It3fphc600 (4) It3fphc601 (4)	It3fpssc621/It3fpssc622 (3) It3fpssc623/It3fpssc624 (3)	It3fpao646 (0)	It3fpssc625/It3fpssc626 (2)	It3fphp600 (3) It3fpssp621 (3)	22
IV					It3fpapr686 (16) It3fpapr687 (4)	20
Total Credits	32	15	2	4	38	91

9. M.Sc. (Analytical Chemistry)

Credit Distribution (Msc Analytical Chemistry)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/Seminar/Dissemination)	Total Credits
I	Ps1hphc500 (4) Ps1hphc501 (4) Ps1hphc502 (4)	Ps1hpsc500/ Ps1hpsc501 (3) Ps1hpsc502 (3)			Ps1hpsp500 (2) Ps1hpsp501 (2) Ps1hpsp502 (2)	24
II	Ps1hphc550 (4) Ps1hphc551 (4) Ps1hphc552 (4)	Ps1hpsc571a (3) Ps1hpsc571b (3)		Ps1hpoe589 (3)	Ps1hpsp571 (2) Ps1hpsp572 (2) Ps1hpsp573 (2)	24
III	Ps1hphc600 (4) Ps1hphc601 (4)	Ps1hpsc621a (3) Ps1hpsc621b (3)		Ps1hpoe639 (3)	Ps1hpsp621 (2) Ps1hpsc621 (2) Ps1hpsc622 (2) Ps1hpsc623 (2)	22
IV	Ps1hphc650 (4) Ps1hphc651 (4) Ps1hphc652 (4)	Ps1hpsc671 / Ps1hpsc672 (3)			Ps1hpsp671 (2) Ps1hpsp672 (2) Ps1hpsp673 (2) Ps1hpsp686 (1)	22
Total Credits	44	15		6	27	92

10. M.Sc. (Corporate Psychology)

11. M.Sc. (Mathematics)

Credit Distribution (M.Sc Analytical Chemistry)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course (Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	Ps1iphc500 (5) Ps1iphc501 (5) Ps1iphc502 (5)	Ps1ipsc500 (4) Ps1ipsc501 (4)				23
II	Ps1iphc550 (5) Ps1iphc551 (5)	Ps1ipsc571 (4) Ps1ipsc572a / Ps1ipsc572b / Ps1ipsc572c (4)		Ps1ipoe589 (3)	Ps1ipsp571 (2)	23
III	Ps1iphc600 (5) Ps1iphc601 (5) Ps1iphc602 (5)	Ps1ipsc621a/ Ps1ipsc621b / Ps1ipsc621c (4)		Ps1ipoe639 (3)		22
IV	Ps1iphc650 (5) Ps1iphc651 (5)	2ps1ipsc671 (4) Ps1ipsc672a/ Ps1ipsc672b / Ps1ipsc672c / Ps1ipsc672d (4)			Ps1ipsp671(2) Ps1iphc652 (4)	24
Total Credits	50	28		6	8	92

12. M.Sc. (Physics)

Credit Distribution (Department of Physics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course(Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	Ps1fphc500 (4) Ps1fphc501 (4) Ps1fphc502 (4) Ps1fphc503 (4)	Ps1fppr500 (3)			Ps1fpsp500 (3) Ps1fpsp501 (3)	25
II	Ps1fphc550 (4) Ps1fphc551 (4) Ps1fphc552 (4) Ps1fphc553 (4)			Ps1fpoe589 (3)	Ps1fpsp571 (3) Ps1fpsp572 (3)	25
III	Ps1fphc600 (4) Ps1fphc601 (4)	Ps1fpssc621 (3) Ps1fpssc622 (3)		Ps1fpoe639 (3)	Ps1fpsp621 (3) Ps1fpsp622 (3)	20
IV	Ps1fphp650 (4) Ps1fphp651 (4)	Ps1fpssc671 (3) Ps1fpssc672 (3) Ps1fpssc673 (3) Ps1fpssc674 (3)			Ps1fpsp671 (3) Project (4)	21
Total Credits	48	12		6	25	91

13. M.Sc. (Chemistry)

Credit Distribution (Department of Physics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course(Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	Ps1gphc500 (4) Ps1gphc501 (4) Ps1gphc502 (4)	Ps1gpssc500 / Ps1gpssc501 (3) Ps1gpssc502 (3)			Ps1gpssp500 (2) Ps1gpssp501 (2) Ps1gpssp502 (2)	24
II	Ps1gphc550 (4) Ps1gphc551 (4) Ps1gphc552 (4)	Ps1gpssc571a/ Ps1gpssc571b (3)		Ps1gpoe589 (3)	Ps1gpssp571 (2) Ps1gpssp572 (2) Ps1gpssp573 (2)	24
III	Ps1gphc600 (4) Ps1gphc601 (4)	Ps1gpssc621a / Ps1gpssc621b (3)		Ps1gpoe639 (3)	Ps1gpssp621 (2) Ps1gpssp622 (2) Ps1gpssp623 (2) Ps1gpssp624 (2)	22
IV	Ps1gphc650(4) Ps1gphc651 (4) Ps1gphc652 (4)	Ps1gpssc671a/ Ps1gpssc671b (3)			Ps1gpssp671 (2) Ps1gpssp672 (2) Ps1gpssp673 (2) Ps1gpssc686 (1)	22
Total Credits	44	15		6	27	92

14. M.Sc. (Food Science And Technology)

Credit Distribution (Department of Physics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course(Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	Ls2iphc500 (4) Ls2iphc501 (4) Ls2iphc502 (4)	Ls2ippsc500 (3) Ls2ippsc501 (3)			Ls2iphhp500 (4) Ls2iphhp501 (4)	26
II	Ls2iphc550 (4) Ls2iphc551 (4)	Ls2ippsc571 (3) Ls2ippsc572 (3)		Ls2ipoe589 (3)	Ls2iphhp550 (4) Ls2iphhp551(3)	24
III	Ls2iphc600 (4) Ls2iphc60 (4)			Ls2ipoe639 (3)	Ls2iphhp600 (4) Ls2ippr636(4)	19
IV	Ls2iphc650 (4) Ls2iphc651 (4) Ls2iphc651 (4)	Ls2ippsc671 (3)			Ls2iphhp650 (4) Ls2iphhp651 (4)	23
Total Credits	40	15		6	31	92

15. M.C.A.

Credit Distribution (Department of Physics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course(Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	It3ephc500 (4) It3ephc501 (4) It3ephc502 (4) It3ephc503 (4)	It3epsc500 (E1)/ It3epsc501(E2) (3)	It3epsc502 (1)		It3ephp500 (2) It3ephp501 (2) It3epsp500 [E1]/ It3epsp501 [E2] (1)	25
II	It3ephc550 (4) It3ephc551 (4) It3ephc552 (4)	It3epsc571a/ It3epsc571b/ It3epsc571c/ It3epsc571d/ It3epsc571e- (3) It3epsc572a/ It3epsc572b/ It3epsc572c/ It3epsc572d- (3)	It3epsp572 (2) It3epr586 (1)		It3ephp550 (2) It3ephp551 (2) It3epsp571a/ It3epsp571b/ It3epsp571c/ It3epsp571d/ It3epsp571e -(1)	26
III	It3ephc600 (4) It3ephc601 (4) It3ephc602 (4)	It3epsc621a/ It3epsc621b/ It3epsc621c/ It3epsc621d/ It3epsc621e-(3) It3epsc622a/ It3epsc622b/ It3epsc622c/ It3epsc622d - (3)	It3epr636 (2)		It3ephp600 (2) It3ephp601 (2) It3epsp621a/ It3epsp621b/ It3epsp621c/ It3epsp621d/ It3epsp621e (1)	25
IV	It3epr686 (4)					16
Total Credits	56	15	6		15	92

16. M.Sc. (Big Data Analytics)

Credit Distribution (Department of Physics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course(Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	It3hphc500 (4) It3hphc501(4) It3hphc502 (4)	It3hpsc500 (3) It3hpsc501 (3)			It3hphp500 (2) It3hpsp500 (2)	22
II	It3hphc550 (4) It 3hphc551 (4)	It3hphc552a/ It3hphc552b/ It3hphc552c/ It3hphc552d/ It3hphc552e/ It3hphc552f (3) It 3hpsc571 (3) It 3hpsc572 (3)	It3hppr586 (1)	It 3hpsc573 (2)	It 3hphp550 (2) It 3hpsp571 (2)	24
III	It 3hphc600 (4) It 3hphc601 (4)	It 3hpsc621 (3) It3hpsc622a/ It3hpsc622b/ It3hpsc622c/ It3hpsc622d (3) It3hpsc623a/ It3hpsc623b/ It3hpsc623c/ It3hpsc623d (3)	It3hpoe639 (2)		It3hphc602 (3) It3hpsc621 (1) It3hpsp622 (1)	24
IV					It3hppr686a (4) It3hppr686b (4) It3hppr686c (2) It3hppr686d (6) It3hppr687 (6)	22
Total Credits	28	24	03	02	35	92

20. M.Sc. (Food Science, Nutrition and Dietetics)

Credit Distribution (Department of Physics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course(Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	Ls2jphc500 (4) Ls2jphc501 (4) Ls2jphc502 (4)	Ls2jpsc500 (3) Ls2jpsc501 (3)			Ls2jphp500 (4) Ls2jphp501 (4)	26
II	Ls2jphc551 (4) Ls2jphc550 (4)	Ls2jpsc571 (3) Ls2jppr586 (3)		Ls2jpoe589 (3)	Ls2jphp550 (4) Ls2jphp551 (3)	24
III	Ls2jphc600 (4) Ls2jphc601 (4)			Ls2jpoe639 (3)	Ls2jphp600 (4) Ls2jphp601 (4)	19
IV	Ls2jphc650 (4) Ls2jphc651 (4) Ls2jphc671 (4)	Ls2jpsc652 (3)			Ls2jphp650 (4) Ls2jphp651 (4)	23
Total Credits	40	15		6	31	92

17. M.Sc. Data Science

Credit Distribution (Department of Physics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course(Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	It3iphc500 (4) It3iphc501 (4) It3iphc502 (4) It3iphc503 (4)	It3iphc504 (3)			It3iphp500 (3) It3hpsp500 (3)	25
II	It3ephc550 (4) It3ephc551 (4) It3ephc552 (4)	It3epsc571/ It3epsc572 (3)	It3ephc554 (1) It3eppr586 (1)	It3epsc573 (2)	It3ephp550 (3) It3ephp551 (1) It3ephc553 (1)	24
III	It3ephc600 (4) It3ephc601 (4)	It3epsc621a/ It3epsc621b (3) It3epsc622a/ It3epsc622b (3)		It3epoe589 (2)	It3ephp600 (3) It3epsp621 (2)	21
IV					It3eppr686a (4) It3eppr686b (4) It3eppr686c (2) It3eppr686d (6) It3eppr687 (6)	22
Total Credits	36	12	02	04	38	92

22. PGDBM

Credit Distribution (Department of Physics)						
Semester	Programme Specific Hard-Core Courses (Pshc)	Programme Specific Softcore Courses (Psc)	Ability Enhancement Course(Aec)	Open Elective Courses (Oe)	Compulsory Skill Enhancement Course (Csec) (Practical/ Seminar/ Dissertation)	Total Credits
I	D 701.1 (4) D 702.1 (4) D 703.1 (4) D 704.1 (4) D 705.1 (4)	-	-	-	-	20
II	D 701.2 (4) D 702.2 (4) D 703.2 (4) D 704.2 (4) D 705.2 (4)	-	-	-	-	20
Total Credits	40					40
