



Amity School of Engineering & Technology

Department of Computer Science and Engineering



NATIONAL BOARD OF ACCREDITATION

SELF ASSESSMENT REPORT(TIER - I)

for

Computer Science and Engineering

Amity University Maharashtra

SELF ASSESSMENT REPORT(TIER - I) FOR Computer Science and Engineering

Part A : Institutional Information

1 Name and Address of the Institution

Amity University Maharashtra,
Mumbai - Pune Expressway,Bhatan, Post – Somathne, Panvel

2 Type of the Institution:

☐ Deemed to be University	☐ Autonomous
☒ University	☐ Non-Autonomous (Affiliated)
☐ Institute of National Importance	☐ Any Other(Please Specify)

3 Year of establishment of the Institution:

2014

4 Ownership Status:

☐ Central Government	☐ Any Other(Please Specify)
☐ State Government	
☐ Government Aided	
☒ Self financing	

5 Name and Address of Affiliating University(if any)

6 Other Academic Institutions of the Trust/Society/Company etc., if any

Name of Institutions	Year of Establishment	Programs of Study	Location

7 Details of all the programs being offered by the Institution under consideration:

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
Computer Science and Engineering	UG	2014	2014	60	No	60	Applying first time	--	--		4
B. Tech Civil Engineering	UG	2014	2014	20	No	20	Eligible but not applied	--	--	0	4
B. Tech Mechanical Engineering	UG	2014	2014	15	No	15	Eligible but not applied	--	--	0	4
B. Tech Aerospace Engineering	UG	2014	2014	40	No	40	Eligible but not applied	--	--	0	4
B. Tech AME	UG	2016	2016	10	Yes	15	Eligible but not applied	--	--	0	4
B. Tech ANE	UG	2016	2016	15	Yes	20	Eligible but not applied	--	--	0	4
Sanctioned Intake for Last Five Years for the B. Tech ANE											
Academic Year						Sanctioned Intake					
2025-26						20					
2024-25						20					
2023-24						20					
2022-23						20					
2021-22						20					
2020-21						15					
B.Tech. M. Tech. Dual Biotechnology	UG	2015	2015	15	No	15	Eligible but not applied	--	--	0	5
M. Tech. Biotechnology	PG	2015	2015	20	No	20	Eligible but not applied	--	--	0	2
B.Tech. Biotechnology	UG	2014	2014	50	Yes	75	Granted accreditation for 3 years for the period (specify period)	2025	2028	0	4
Sanctioned Intake for Last Five Years for the B.Tech. Biotechnology											
Academic Year						Sanctioned Intake					
2025-26						75					
2024-25						75					
2023-24						75					
2022-23						75					
2021-22						75					
2020-21						50					
B. Sc. Biotechnology	UG	2016	2016	20	Yes	35	Eligible but not applied	--	--	0	3
Sanctioned Intake for Last Five Years for the B. Sc. Biotechnology											
Academic Year						Sanctioned Intake					
2025-26						35					
2024-25						35					
2023-24						35					
2022-23						35					
2021-22						20					
2020-21						20					
M. Sc. Biotechnology	PG	2015	2015	35	Yes	45	Eligible but not applied	--	--	0	2
Sanctioned Intake for Last Five Years for the M. Sc. Biotechnology											
Academic Year						Sanctioned Intake					
2025-26						45					
2024-25						45					
2023-24						45					
2022-23						45					
2021-22						45					
2020-21						35					
M. Sc (Psychology)	PG	2019	2019	75	Yes	135	Eligible but not applied	--	--	0	2
Sanctioned Intake for Last Five Years for the M. Sc (Psychology)											
Academic Year						Sanctioned Intake					
2025-26						135					
2024-25						135					
2023-24						135					
2022-23						135					
2021-22						135					
2020-21						100					

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
M. Phil (Clinical Psychology)	PG	2017	2017	8	No	8	Not eligible for accreditation	--	--	0	2
B. Sc (IT)	UG	2015	2015	20	Yes	35	Eligible but not applied	--	--	0	3
Sanctioned Intake for Last Five Years for the B. Sc (IT)											
Academic Year						Sanctioned Intake					
2025-26						35					
2024-25						35					
2023-24						35					
2022-23						20					
2021-22						20					
2020-21						20					
B.C.A	UG	2015	2015	10	Yes	120	Eligible but not applied	--	--	0	3
Sanctioned Intake for Last Five Years for the B.C.A											
Academic Year						Sanctioned Intake					
2025-26						120					
2024-25						120					
2023-24						120					
2022-23						75					
2021-22						55					
2020-21						55					
B.A (POLITICAL SCIENCE)	UG	2018	2018	10	No	10	Not eligible for accreditation	--	--	0	3
B.A (Liberal Arts)	UG	2020	2020	20	No	20	Not eligible for accreditation	--	--	0	3
B.SW	UG	2017	2017	5	Yes	10	Not eligible for accreditation	--	--	No	3
Sanctioned Intake for Last Five Years for the B.SW											
Academic Year						Sanctioned Intake					
2025-26						10					
2024-25						10					
2023-24						10					
2022-23						5					
2021-22						5					
2020-21						5					
Master of Social Work	PG	2016	2016	5	Yes	15	Not eligible for accreditation	--	--	0	2
Sanctioned Intake for Last Five Years for the Master of Social Work											
Academic Year						Sanctioned Intake					
2025-26						15					
2024-25						15					
2023-24						15					
2022-23						15					
2021-22						15					
2020-21						10					
B.TTM	UG	2015	2015	10	No	35	Not eligible for accreditation	--	--	0	3
M.TTM	PG	2020	2020	15	No	15	Not eligible for accreditation	--	--	0	2
LLB	UG	2015	2015	60	No	60	Not eligible for accreditation	--	--	0	3
LLM	PG	2015	2015	60	No	60	Not eligible for accreditation	--	--	0	2
B.Arch	UG	2015	2015	40	No	80	Not eligible for accreditation	--	--	0	3
B.ID	UG	2015	2015	10	No	40	Not eligible for accreditation	--	--	0	3
B. Planning	UG	2015	2015	5	No	15	Not eligible for accreditation	--	--	0	3
B. Sc (Chemistry)	UG	2016	2016	5	No	5	Not eligible for accreditation	--	--	0	3
B. Sc (Mathematics)	UG	2018	2018	5	Yes	10	Not eligible for accreditation	--	--	0	3
B. Sc (Physics)	UG	2015	2015	5	Yes	15	Not eligible for accreditation	--	--	0	3
B. Statistics	UG	2018	2018	5	No	5	Not eligible for accreditation	--	--	0	3
M. Sc (AC)	PG	2019	2019	5	No	10	Not eligible for accreditation	--	--	0	2
M. Sc (AP)	PG	2019	2019	10	No	10	Not eligible for accreditation	--	--	0	2

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
M. Sc (AM)	PG	2019	2019	10	No	10	Not eligible for accreditation	--	--	0	2
B.A (M&G)	UG	2020	2020	10	Yes	20	Not eligible for accreditation	--	--	0	3
Sanctioned Intake for Last Five Years for the B.A (M&G)											
Academic Year						Sanctioned Intake					
2025-26						20					
2024-25						20					
2023-24						20					
2022-23						20					
2021-22						20					
2020-21						10					
B. Sc (Animation and VFX)	UG	2020	2020	110	No	110	Not eligible for accreditation	--	--	0	3
B. Sc (A & VG)	UG	2015	2015	20	Yes	110	Not eligible for accreditation	--	--	0	3
B.A. (Journalism and Mass communication)	UG	2021	2021	5	No	5	Not eligible for accreditation	--	--	0	3
M.A. (A & PR)	PG	2015	2015	5	Yes	30	Not eligible for accreditation	--	--	0	2
Sanctioned Intake for Last Five Years for the M.A. (A & PR)											
Academic Year						Sanctioned Intake					
2025-26						30					
2024-25						30					
2023-24						30					
2022-23						30					
2021-22						25					
2020-21						25					
M.A. (FTR)	PG	2016	2016	10	Yes	30	Not eligible for accreditation	--	--	0	2
M.A. (Film and TV)	PG	2020	2020	10	No	10	Not eligible for accreditation	--	--	0	2
M.A.(Journalism & Mass communication)	PG	2015	2015	10	Yes	30	Not eligible for accreditation	--	--	No	2
B.A. (Film Making)	UG	2020	2020	10	No	10	Not eligible for accreditation	--	--	0	3
B.FA	UG	2015	2015	10	Yes	30	Not eligible for accreditation	--	--	0	3
B. Des (FC)	UG	2020	2020	10	Yes	20	Not eligible for accreditation	--	--	0	3
Sanctioned Intake for Last Five Years for the B. Des (FC)											
Academic Year						Sanctioned Intake					
2025-26						20					
2024-25						20					
2023-24						20					
2022-23						20					
2021-22						20					
2020-21						10					
B. Des (FD)	UG	2015	2015	10	Yes	40	Not eligible for accreditation	--	--	0	3
B. Des (FSID)	UG	2018	2018	5	Yes	15	Not eligible for accreditation	--	--	0	3
B. Des (TPD)	UG	2016	2016	5	No	5	Not eligible for accreditation	--	--	0	3
M.DS (Fashion Technology)	PG	2018	2018	5	Yes	10	Not eligible for accreditation	--	--	0	2
Sanctioned Intake for Last Five Years for the M.DS (Fashion Technology)											
Academic Year						Sanctioned Intake					
2025-26						10					
2024-25						10					
2023-24						10					
2022-23						10					
2021-22						10					
2020-21						5					
B.A.(English)	UG	2017	2017	10	Yes	30	Not eligible for accreditation	--	--	0	3

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
Sanctioned Intake for Last Five Years for the B.A.(English)											
Academic Year					Sanctioned Intake						
2025-26					30						
2024-25					30						
2023-24					30						
2022-23					30						
2021-22					30						
2020-21					20						
B.A. (French)	UG	2015	2015	5	Yes	10	Not eligible for accreditation	--	--	0	3
MBA (Logistics and SCM)	PG	2018	2018	20	Yes	35	Eligible but not applied	--	--	0	2
BBA (Real Estate and Urban Infrastructure)	UG	2017	2017	10	No	10	Eligible but not applied	--	--	0	3
BBA	UG	2014	2014	30	Yes	120	Eligible but not applied	--	--	0	3
Sanctioned Intake for Last Five Years for the BBA											
Academic Year					Sanctioned Intake						
2025-26					120						
2024-25					120						
2023-24					120						
2022-23					120						
2021-22					100						
2020-21					100						
B. Com. (H)	UG	2015	2015	10	Yes	20	Eligible but not applied	--	--	0	3
Sanctioned Intake for Last Five Years for the B. Com. (H)											
Academic Year					Sanctioned Intake						
2025-26					20						
2024-25					20						
2023-24					20						
2022-23					20						
2021-22					10						
2020-21					10						
MBA marketing and Sales	PG	2015	2015	25	No	25	Granted accreditation for 3 years for the period (specify period)	2026	2028	0	2
MBA Banking And Finance	PG	2015	2015	30	No	30	Eligible but not applied	--	--	0	2
B.Sc. - Clinical Psychology	UG	2015	2015	20	Yes	210	Not eligible for accreditation	--	--	0	3
Sanctioned Intake for Last Five Years for the B.Sc. - Clinical Psychology											
Academic Year					Sanctioned Intake						
2025-26					210						
2024-25					210						
2023-24					210						
2022-23					210						
2021-22					210						
2020-21					170						
M.A. (Cll Psy)	PG	2015	2015	5	Yes	25	Not eligible for accreditation	--	--	0	2
B.A. (H)App.Psychology	UG	2015	2015	10	Yes	95	Not eligible for accreditation	--	--	0	3
Sanctioned Intake for Last Five Years for the B.A. (H)App.Psychology											
Academic Year					Sanctioned Intake						
2025-26					95						
2024-25					95						
2023-24					95						
2022-23					95						
2021-22					95						
2020-21					70						
MBA(RE&UI)	PG	2017	2017	40	No	40	Eligible but not applied	--	--	0	2
MBA (CPM)	PG	2017	2017	60	No	60	Granted accreditation for 3 years for the period (specify period)	2026	2028	0	2
MCA	PG	2015	2015	60	No	60	Applying first time	--	--	0	2

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
B.A (LLB)	UG	2014	2014	60	No	60	Not eligible for accreditation	--	--	No	3
B.Com (LLB)	UG	2018	2018	60	No	60	Not eligible for accreditation	--	--	0	3
BBA(LLB)	UG	2015	2015	60	No	60	Not eligible for accreditation	--	--	0	3

8 Programs to be considered for Accreditation vide this application:

S No	Level	Discipline	Program
1	Under Graduate	Engineering & Technology	Computer Science and Engineering

Table No. A8.2

S No	Name of the Department	Name of the Program	Name of Allied Departments/Cluster	Name of Allied Program
No record exist(s)				

9 Total Number of Faculty Members in Various Departments:

ID	Department Name	Number of faculty members in the Department (UG and PG)											
		2025-26 (CAY)				2024-25 (CAYm1)				2023-24 (CAYm2)			
		No. of Professors	No. of Associate Professors	No. of Assistant Professors	Total faculty members	No. of Professors	No. of Associate Professors	No. of Assistant Professors	Total faculty members	No. of Professors	No. of Associate Professors	No. of Assistant Professors	Total faculty members
1	Computer Science and Engineering	2	6	5	13	1	4	4	9	1	3	3	7
2	Civil Engineering	0	1	1	2	1	1	2	4	1	1	2	4
3	Mechanical Engineering	0	1	2	3	0	1	2	3	0	1	2	3
4	Aerospace Engineering	0	1	2	3	0	1	2	3	0	1	2	3

10 Total Number of Engineering Students in Various Departments:

ID	Department Name	Number of students in the Department (UG and PG)		
		2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)
1	Computer Science and Engineering	258	258	258
2	Civil Engineering	28	25	24
3	Mechanical Engineering	35	29	27
4	Aerospace Engineering	76	93	112

11 Vision of the Institution:

To make Amity University Maharashtra an Institute of Excellence in Higher Education by providing value-based holistic education, including leadership qualities, encouraging research, innovation, and nurturing talent.

12 Mission of the Institution:

To provide quality education catering for diverse contemporary educational and research needs of the Nation with special emphasis on regional aspirations and develop balanced personalities with positive outlook and having leadership qualities.

13 Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution	
Name	Prof. (Dr.) A. W. Santhosh Kum
Designation	Vice Chancellor
Mobile No.	9994994142
Email ID	vcaum@aum.amity.edu

☒ **NBA Coordinator, If Designated**

Name	Prof. (Dr.) Sunil Dhaneshwar
Designation	Dean IQAC
Mobile No.	9860864623
Email ID	vcaum@mum.amity.edu

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PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	OUTCOME-BASED CURRICULUM	120	120.00
2	OUTCOME-BASED TEACHING LEARNING	120	120.00
3	OUTCOME-BASED ASSESSMENT	120	95.00
4	STUDENTS' PERFORMANCE	120	96.97
5	FACULTY INFORMATION	100	88.00
6	FACULTY CONTRIBUTIONS	120	90.68
7	FACILITIES AND TECHNICAL SUPPORT	100	100.00
8	CONTINUOUS IMPROVEMENT	80	80.00
9	STUDENT SUPPORT AND GOVERNANCE	120	95.00
	Total	1000	886

Part B : Criteria Summary

1 OUTCOME-BASED CURRICULUM (120)	Total Marks 120.00
1.1 Vision, Mission and Program Educational Objectives (PEOs) (35)	Total Marks 35.00

1.1.1 State the Vision and Mission of the Institute and the Department (5)

Institute Marks : 5.00

Vision of the institute	To make Amity University Maharashtra an Institute of Excellence in Higher Education by providing value-based holistic education, including leadership qualities, encouraging research, innovation, and nurturing talent.									
Mission of the institute	To provide quality education catering for diverse contemporary educational and research needs of the Nation with special emphasis on regional aspirations and develop balanced personalities with positive outlook and having leadership qualities.									
Vision of the Department	To nurture talent and shape globally competent, industry-ready engineers equipped with critical thinking and a spirit of innovation, guided by academic and research excellence for the betterment of humanity.									
Mission of the Department	<table><tr><th>Mission No.</th><th>Mission Statements</th></tr><tr><td>M1</td><td>Offer comprehensive Engineering Education that integrates foreign languages, communication proficiency, teamwork, and interdisciplinary collaboration.</td></tr><tr><td>M2</td><td>Promote a culture of research and innovation through dedicated mentorship and advanced infrastructure.</td></tr><tr><td>M3</td><td>Design and deliver an industry-relevant curriculum that emphasizes experiential learning and upholds social and ethical values.</td></tr></table>		Mission No.	Mission Statements	M1	Offer comprehensive Engineering Education that integrates foreign languages, communication proficiency, teamwork, and interdisciplinary collaboration.	M2	Promote a culture of research and innovation through dedicated mentorship and advanced infrastructure.	M3	Design and deliver an industry-relevant curriculum that emphasizes experiential learning and upholds social and ethical values.
Mission No.	Mission Statements									
M1	Offer comprehensive Engineering Education that integrates foreign languages, communication proficiency, teamwork, and interdisciplinary collaboration.									
M2	Promote a culture of research and innovation through dedicated mentorship and advanced infrastructure.									
M3	Design and deliver an industry-relevant curriculum that emphasizes experiential learning and upholds social and ethical values.									

1.1.2 State PEOs of the Program (5)

Institute Marks : 5.00

PEO No.	Program Educational Objectives Statements
PEO1	To empower graduates to excel in their academic and professional pursuits in the field of Computer Science and Engineering, be it in advanced studies, innovative research, by equipping them with a strong foundation in computational concepts, modern technological tools.
PEO2	To develop graduates who are adaptable and resilient in the face of the ever-evolving landscape of technology, fostering lifelong learning, continuous skill acquisition, experiential learning and a proclivity towards the adoption of emerging technologies.
PEO3	To create future ready engineering graduates who display exemplary professionalism, ethical responsibility, and a commitment to societal advancement.

1.1.3 Process of Defining Vision, Mission and PEOs (10)

Institute Marks : 10.00

The process of developing and disseminating the Department's Vision and Mission statements involves a collaborative approach that engages both internal and external stakeholders. It begins with the Department Advisory Committee (DAC) initiating the reframing process. Internal stakeholders, including senior faculty members, students, along with external stakeholders such as alumni, employers, industry, and parents, participate in interactive sessions. These interactions facilitate the collection of views, summarization, and identification of core competencies. Based on this input, the Vision and Mission statements are drafted. The DAC then undertakes the finalization and endorsement of these statements further to its approval; the Vision and Mission statements are published and disseminated to ensure widespread understanding and alignment with the institutions strategic direction.

The Vision and Mission of the department have been defined/reframed through the following steps:

Step 1: Department Advisory Committee (DAC) which comprises of Director, HOD, Senior Faculty members and representatives from stake holders, initiates the Vision and Mission reframing process.

Step 2: The Vision and Mission are defined/reframed based on the following

- a) Vision and Mission of the Institute
- b) Feedback from Internal Stakeholders
- c) Feedback from External stakeholders

Step 3: Core competencies are identified and summarized

Step 4: Draft of Vision and Mission statements are compiled based on the outcomes of step 3.

Step 5: The Vision and Mission statements are endorsed by the Department Advisory Committee.

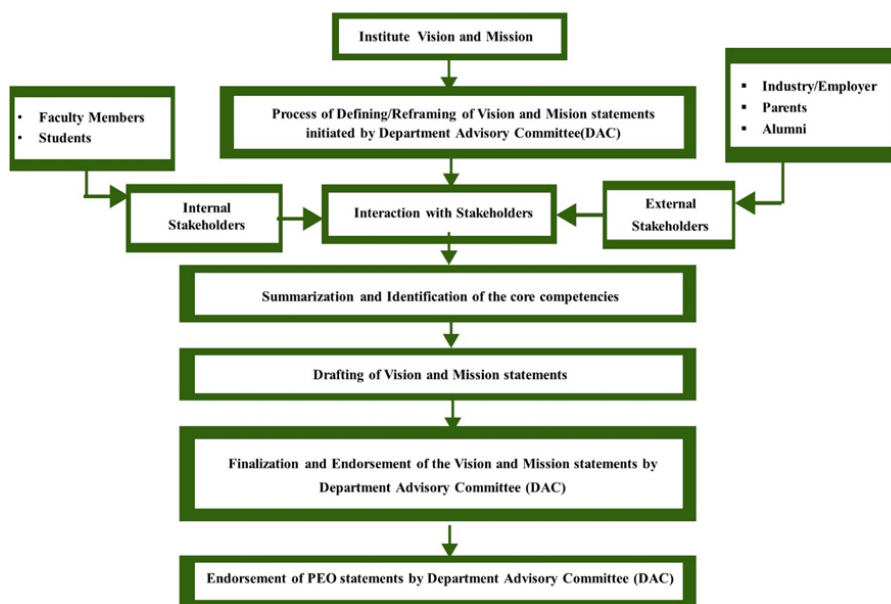


Figure 1.1.3a Process of Defining/Reframing of Vision and Mission Statements

The PEOs of Computer Science and Engineering program are defined through the following process:

Step 1: Program Advisory Committee (PAC) initiates the PEO formulation process.

Step 2: The first draft of PEOs is formulated based on

- a) Graduate Attributes
- b) Institute Vision and Mission Statements
- c) Department Vision and Mission statements
- d) Feedback from Internal stakeholders
- e) Feedback from External stakeholders

Step 3: Draft of PEOs is compiled based on Step 2.

Step 4: The PEO statements are endorsed by the Department Advisory Committee (DAC).

Step 5: Publication and Dissemination of PEOs after approval from Department Advisory Committee (DAC).

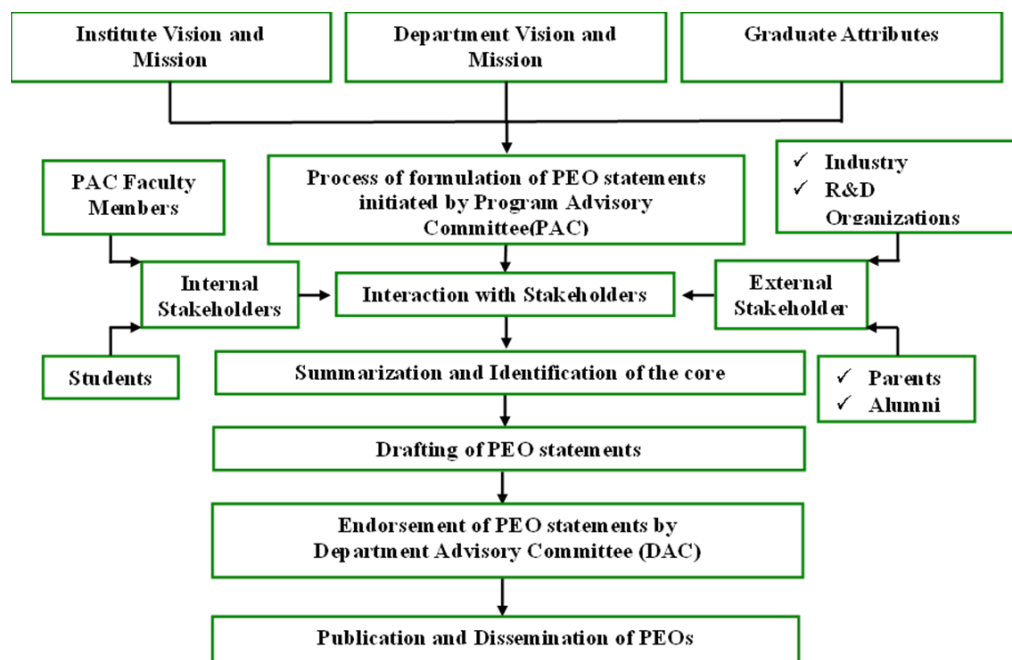


Figure 1.1.3b Process of formulation of PEO Statements

The University Graduate Attributes (GA) at Amity University Maharashtra define the knowledge, skills, and values that every Amity graduate should possess. These attributes are aligned with the university's mission and curriculum design and are developed through courses, projects, research, and co-curricular activities.

Table 1.1.3 a List of Graduate Attributes

S No.	Graduate Attributes
1	Discipline Knowledge & Expertise
2	Self-Directed and Active Learning
3	Research and Enquiry
4	Information & Communication Technology Skills
5	Critical Thinking & Problem-Solving Abilities
6	Communication Skills
7	Creativity, Innovation & Reflective Thinking
8	Analytical & Decision-Making Ability
9	Leadership & Teamwork
10	Multicultural Understanding & Global Outlook
11	Integrity and Ethics
12	Social & Emotional Skills
13	Employability, Enterprise & Entrepreneurship
14	Lifelong Learning
15	Environment and Sustainability

Publication and Display Mechanisms

Our goal with the institute website is to establish a comprehensive and easily navigable platform that engages and informs our stakeholders. The publishing integration of our Vision, Mission, and PEOs into this digital platform, helps in our aim to promote a common understanding and active participation in the attainment of our institutional objective.

The Vision, Mission, and PEOs are disseminated through multiple **print, digital, and display-based platforms** to ensure maximum visibility and accessibility.

- **Institute Website and Department Website**
 - Vision and Mission statements
 - Program Educational Objectives (PEOs)
 - Accessible to students, parents, alumni, employers, industry partners, and funding agencies
- **Curriculum and Academic Documents**
 - Department curriculum and syllabus books
- **Prominent Physical Display**
 - Department
 - Faculty rooms
 - Laboratories
 - Classrooms
- **Institutional Publications**
 - Prospectus
 - Annual reports

Internal Stakeholder :- Management & Governing Body

Mode of Dissemination:- Presentation and discussion in Governing Body and Academic Council meetings

Internal Stakeholder:- Faculty Members

Mode of Dissemination :-Faculty induction programs, departmental meetings, FDPs, IQAC meetings

Internal Stakeholder :- Support Staff

Mode of Dissemination:- Administrative meetings and departmental orientations

Internal Stakeholder :- Students

Mode of Dissemination:- Student orientation sessions, mentor–mentee meetings

Internal Stakeholder :- Research Scholars

Mode of Dissemination:- Research orientation programs and departmental seminars

Course Curriculum

At Amity School of Engineering & Technology (ASET) Mumbai, Amity University Maharashtra (AUM), our academic curriculum and Programme Educational Outcomes (PEOs) are meticulously designed to align with our institutional Vision, Mission, and Programs. Committed to developing well-rounded, competent, and responsible professionals, our curriculum integrates the latest trends in teaching, including experiential learning, case-based pedagogy, and industry-driven projects. Advanced digital platforms, AI-powered simulations, and virtual collaboration tools offer immersive learning experiences, while gamified learning modules and interactive workshops enhance engagement and critical thinking. Through this dynamic and future-ready approach, we ensure students acquire strategic and operational skills that meet the evolving demands of business and society, fully aligned with our Vision, Mission, and PEOs.

Email Signature from Head of Institution (Hol)

Our commitment to empowering minds, improving lives, and building a holistic educational environment is reflected in every correspondence from the Head of Institution (Hol) by including our Vision and Mission into the email signature. This addition speaks to each and every recipient and demonstrates our commitment to disseminating the mission of our organization.

At Amity School of Engineering & Technology (ASET), we actively integrate our Vision, Mission, and Programme Educational Outcomes (PEOs) into institutional presentations, meetings, and social media platforms to foster a shared understanding and encourage active participation. Through engaging content and meaningful interactions, we reach a global audience, effectively communicating our values and objectives. Additionally, we leverage our alumni network to strengthen connections, promote our institutional goals, and inspire a sense of purpose among our graduates.

Admission Brochure

Our admission brochure at Amity School of Engineering & Technology (ASET), Mumbai provides a thorough overview of our institutions Vision, Mission, and Programme Educational Outcomes (PEOS). paving the way for an interesting educational journey. These important documents give parents and potential students a thorough grasp of our academic programs, values, and distinctive educational experience.

Collaboration with Industry

At Amity School of Engineering & Technology (ASET),Mumbai, we believe that communication of our Vision, Mission, and Program Educational Outcomes (PEOs) to industry and professional groups is crucial to building understanding, gaining support, and promoting teamwork towards our common objectives.

Orientation program for new students

At Amity School of Engineering & Technology (ASET),Mumbais orientation program is an essential forues for presenting our Vision, Mission, and Program Educational Outcomes (PEOs) is students. It establishes the tone for their academic journey by giving them information about the institutions principles, objectives, and the skills they will learn.

Department noticeboards and faculty offices.

A useful strategy to make sure that our vision, mission, and program educational outcomes (PEOs) are always visible and understood by all members of the academic community is to post them on department noticeboards and in faculty offices.

Communication through	Internal Stakeholder	External Stakeholder
Institute Website	✓	✓
Course Curriculum	✓	✓
Admission brochure	✓	✓
Email Signature from Hol	✓	✓
Institutional Presentation and Meetings	✓	
Social Media Platform	✓	✓
Alumni Network and Events		✓
Collaboration with industry		✓

Orientation Program for new students	✓	✓
Annual monitoring reports to external Evaluators	✓	
Department noticeboards and faculty offices	✓	
Parent Teachers Meeting	✓	✓

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amity.edu/mumbai/enr/about-overview

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AMITY SCHOOL OF
ENGINEERING AND
TECHNOLOGY
MUMBAI

ABOUT USPROGRAMMESINFRASTRUCTURERESEARCHHAPPENINGSAPPLY ONLINE

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The Faculty of ASET fosters collaborations across AI, machine learning, cybersecurity, robotics, renewable energy, smart infrastructure, aerospace, and more. By integrating education, research, and industry training, it equips students with technical expertise, innovation-driven skills, and global exposure, preparing them to excel as engineers, researchers, and technology leaders.

Our Vision

To nurture talent and shape globally competent, industry-ready engineers equipped with critical thinking and a spirit of innovation, guided by academic and research excellence for the betterment of humanity.

Our Mission

- Offer comprehensive Engineering Education that integrates foreign languages, communication proficiency, teamwork, and interdisciplinary collaboration.
- Promote a culture of research and innovation through dedicated mentorship and advanced infrastructure.
- Design and deliver an industry-relevant curriculum that emphasizes experiential learning and upholds social and ethical values.

Fig. 1.1.4 a Vision Mission of ASET on Website

1.1.5 Mapping of PEOs with Mission (10)

Institute Marks : 10.00

PEO Statements	M1	M2	M3
To empower graduates to excel in their academic and professional pursuits in the field of Computer Science and Engineering, be it in advanced studies, innovative research, by equipping them with a strong foundation in computational concepts, modern technological tools.	3	3	3
To develop graduates who are adaptable and resilient in the face of the ever-evolving landscape of technology, fostering lifelong learning, continuous skill acquisition, experiential learning and a proclivity towards the adoption of emerging technologies.	3	3	3
To create future ready engineering graduates who display exemplary professionalism, ethical responsibility, and a commitment to societal advancement.	3	3	3

Establish the linkage between the Course Outcomes, the Program Outcomes (POs) and Program Specific Outcomes (20)

Outcome-Based Education (OBE) framework is followed in the Computer Science & Engineering program; wherein various outcomes are derived from the Vision and Mission of the University and Amity School of Engineering & Technology. The Program Outcomes (POs), consisting of 11 defined outcomes, are mapped with the 3 Program Educational Objectives (PEOs) and aligned with the Vision and Mission of ASET. Each course has 6 defined Course Outcomes (COs), which are further mapped and aligned with the 11 Program Outcomes (POs). Since courses are building blocks of a program, teaching strategies, learning activities, assessments, and resources have been well-designed and organized to achieve the course outcome (CO). In the assessment tasks, students demonstrated their level of achievement of the course outcomes. For the effectiveness of the program, achievement of POs could be crucial and hence, attainment of COs and POs were assessed through accurate and reliable assessment components.

The PEO statements, clearly adhering to the Mission statements of the department help in the attainment of Vision.

Table No.1.1.5.1b:Justification of Mapping of PEOs with mission

PEO	Mission	Correlation levels	Justification
PEO 1: To empower graduates to excel in their academic and professional pursuits in the field of Computer Science and Engineering, be it in advanced studies, innovative research, by equipping them with a strong foundation in computational concepts, modern technological tools.	M1: Offer comprehensive Engineering Education that integrates foreign languages, communication proficiency, teamwork, and interdisciplinary collaboration	Substantial	It focuses on building strong fundamentals, communication skills, and interdisciplinary learning which directly support academic excellence and professional growth.
	M2: Promote a culture of research and innovation through dedicated mentorship and advanced infrastructure.	Substantial	It emphasizes research, innovation, and advanced infrastructure, enabling graduates to pursue higher studies and innovative careers.
	M3: Design and deliver an industry-relevant curriculum that emphasizes experiential learning and upholds social and ethical values.	Substantial	It promotes industry-relevant skills and tools, supporting professional readiness though with moderate emphasis on core computation
PEO 2: To develop graduates who are adaptable and resilient in the face of the ever-evolving landscape of technology, fostering lifelong learning, continuous skill acquisition, experiential learning and a proclivity towards the adoption of emerging technologies.	M1: Offer comprehensive Engineering Education that integrates foreign languages, communication proficiency, teamwork, and interdisciplinary collaboration	Substantial	It emphasizes teamwork, communication, and interdisciplinary exposure which fosters adaptability and lifelong learning.
	M2: Promote a culture of research and innovation through dedicated mentorship and advanced infrastructure.	Substantial	It focuses on research and innovation, which supports continuous learning but only moderately contributes to adaptability.
	M3: Design and deliver an industry-relevant curriculum that emphasizes experiential learning and upholds social and ethical values.	Substantial	It emphasizes experiential learning and emerging technologies, directly promoting adaptability and resilience in dynamic environments.
PEO 3: To create future ready engineering graduates who display exemplary professionalism, ethical responsibility, and a commitment to societal advancement.	M1: Offer comprehensive Engineering Education that integrates foreign languages, communication proficiency, teamwork, and interdisciplinary collaboration	Substantial	It promotes communication, teamwork, and collaboration which support professionalism, though indirectly addressing ethics and societal responsibility.
	M2: Promote a culture of research and innovation through dedicated mentorship and advanced infrastructure.	Substantial	It focuses on research practices which encourage ethical thinking, but with moderate emphasis on societal impact.
	M3: Design and deliver an industry-relevant curriculum that emphasizes experiential learning and upholds social and ethical values.	Substantial	It strongly emphasizes ethical values, professionalism, and societal responsibility, directly aligning with the development of responsible engineers.

1.2.1 State the Process for Developing/Revising the Program Curriculum (10)

Institute Marks : 10.00

Course Curriculum

The curriculum at Computer Science & Engineering, Amity School of Engineering & Technology has been framed in a way to ensure that the program outcomes are met. A variety of Faculty Development Program and workshops are held to improve faculty competence in curriculum design. Every course syllabus is created so that the learning objectives support achieving POs. Various courses provide emphasis on contributing to various PEOs, which eventually results in the acquisition of POs upon the successful completion of all courses and the program. Every course gives adequate weight to the development of aptitude, grasp of basic principles, and practical applications. This gives the course outcomes and program outcomes a strong association, enabling students to build the abilities they need to become competent management professionals.

The curriculum places a strong focus on developing state-of-the-art expertise in the field of Computer Science & Engineering as well as a thorough comprehension of fundamental concepts. The faculty makes recommendations for improvements to be included in the courses, and the curriculum is changed accordingly. Current industrial requirements are the basis for the introduction of new elective courses. The process entails the BoS meeting where the suggested modifications and structure are discussed considering the programs goals. The curriculum is submitted to the academic council for approval once it is complete.

Process for designing/ improvement of the curriculum:

- Department faculty members make up the Program Assessment Committee (PAC), which develops a draft curriculum based on input from stakeholders, POs, and PSOs
- The DAC receives the draft curriculum and offers suggestions. The curriculum is reviewed by the BOS for additional deliberation and recommendations following the integration of the suggestions.

The department has taken several measures in framing the curriculum for the attainment of the Program Outcomes. Various workshops and seminars are conducted to enrich the faculty in curriculum design.

The syllabus for each course is designed so that course outcome contributes to the attainment of POs. Different courses emphasize on contribution to different POs leading to eventual attainment of POs upon successful completion of all courses and hence the programme. Each course has sufficient weightage to fundamental concepts, tools and techniques and emphasis on practical implementations. This provides a strong correlation between the course outcomes and programme outcomes, developing necessary skills in students, making them proficient engineers

The curriculum lays great emphasis on deep understanding of fundamental principles and state of the art knowledge in the area of Computer Science & Engineering. The curriculum is updated and changes are incorporated in the courses based on the recommendation of the faculty. New courses are introduced based on the current technology evolution. The procedure involves the meeting of the BOS where the proposed structure and changes are discussed considering the Program Objectives. Once finalized, curriculum and scheme are presented to Academic Council for approval.

The process for designing/improvement of the curriculum:

- Based on feedback obtained from the stakeholders, POs and PSOs, a draft curriculum is framed by Program Advisory Committee (PAC) which comprises of Faculty members in the Department.
- The draft curriculum is submitted to the DAC (Department Advisory Committee) for suggestions. After incorporating the suggestions, curriculum is vetted to the BOS for further discussions and recommendations.
- Curriculum is vetted and endorsed by the Academic Council and then submitted to Board of Management for final approval.

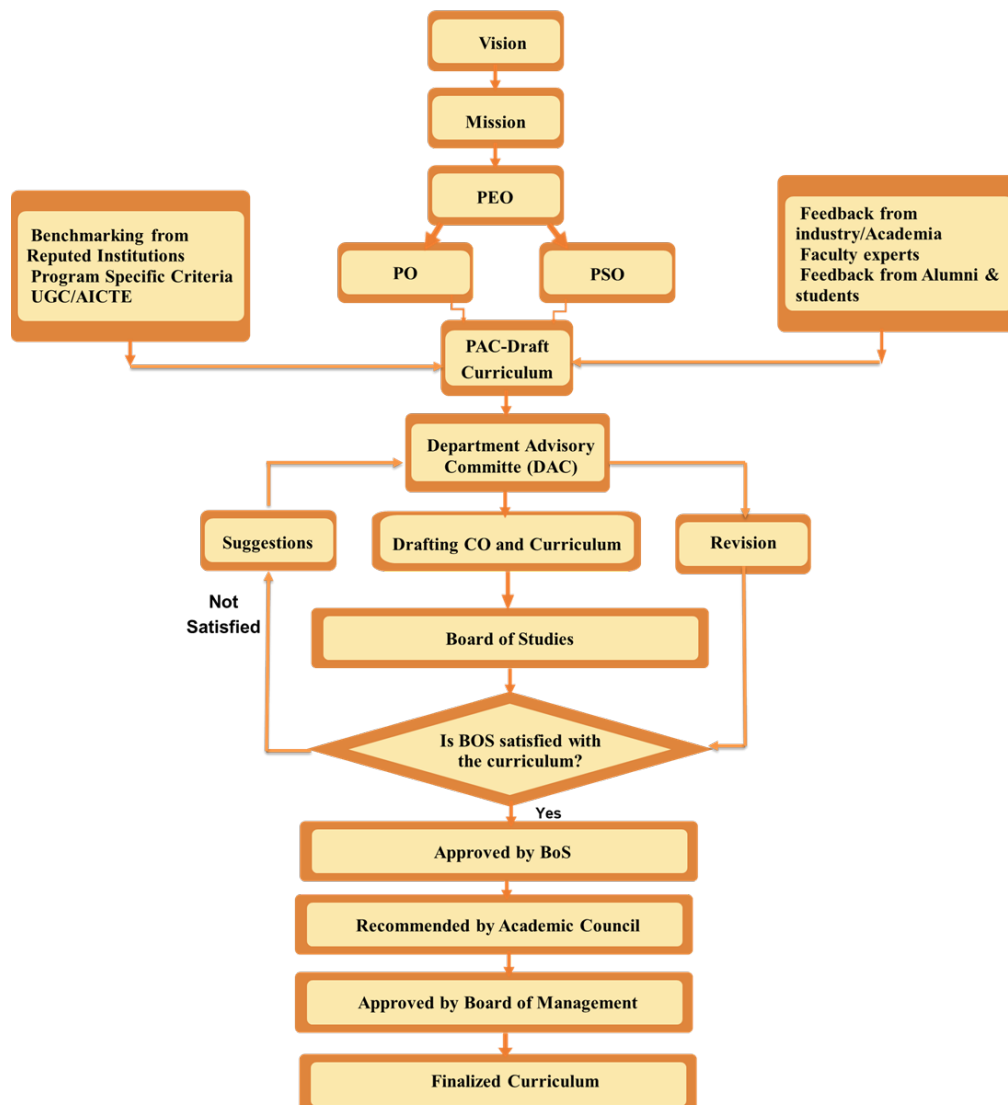


Fig 1.2.1 Process for Developing/Revising the Program Curriculum

1.2.2 Curriculum Structure (10)

Institute Marks : 10.00

Edit

ID	Course Code	Course Title	Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term Work (TW) and Self Learning (SL) (TW+ SL) (in hours per semester)	Total no. of Hours per semester	Total Credits (C)* (Total Hours/30)
			L	T	P	SL		
1	AM2101	Applied Mathematics – I	39	13	0	0	52	1.73
2	AP2102	Applied Physics - I -Fields & Waves	39	0	0	0	39	1.30
3	AC2101	Applied Chemistry	39	0	0	0	39	1.30
4	CP2105	Introduction to Computers & Programming In C/C++	39	0	0	0	39	1.30
5	ES2106	Electrical Science	39	0	0	0	39	1.30
6	AP2107	Applied Physics Lab-I	0	0	26	0	26	0.87
7	AP2108	Applied Chemistry Lab	0	0	26	0	26	0.87
8	EM2109	Elements of Mechanical Engineering Lab	0	0	26	0	26	0.87
9	CP2110	Programming In C Lab	0	0	26	0	26	0.87
10	ES2111	Electrical Science Lab	0	0	26	0	26	0.87
11	BEH2151	Understanding Self for Effectiveness	13	0	0	0	13	0.43
12	CSS2151	Effective Listening	13	0	0	0	13	0.43
13	ENV2152	Environmental Studies	26	0	0	0	26	0.87
14	LA2151/ LA2152/	Foreign Language – I: French-I/ German-I/ Spanish-I	39	0	0	0	39	1.30
15	LA2153/ AM2201	Applied Mathematics – II	39	13	0	0	52	1.73
16	AP2202	Applied Physics-II – Modern Physics	39	0	0	0	39	1.30
17	CP2203	Object Oriented Programming using JAVA	39	0	0	0	39	1.30
18	EM2204	Engineering Mechanics	39	0	0	0	39	1.30
19	AP2205	Applied Physics– II Lab	0	0	26	0	26	0.87
20	CP2206	Object Oriented Programming using JAVA Lab	0	0	26	0	26	0.87
21	EM2207	Engineering Mechanics Lab	0	0	26	0	26	0.87
22	EG2208	Engineering Graphics Lab	0	0	26	0	26	0.87
23	ENV2252	Environmental Studies	26	0	0	0	26	0.87
24	CSS2252	Presentation Skills	13	0	0	0	13	0.43
25	BEH2251	Understanding Self for Effectiveness	13	0	0	0	13	0.43
26	LA2151/ LA2152/	Foreign Language – II: French-II/ German-II/ Spanish-II	39	0	0	0	39	1.30
27	LA2153/ AM2301	Applied Mathematics III	39	13	0	0	52	1.73
28	CSE2301	Data Communication & Computer Networks	39	0	0	0	39	1.30
29	CSE2302	Data Base Management Systems	39	0	0	0	39	1.30
30	DSD2303	Digital System Design	39	0	0	0	39	1.30
31	CSE2304	Data Structures using C	39	0	0	0	39	1.30
32	CSE2305	Data Structures using C Lab	0	0	26	0	26	0.87
33	DSD2313	Digital System Design Lab	0	0	26	0	26	0.87
34	CSE2306	Data Communication & Computer Networks Lab	0	0	26	0	26	0.87
35	CSE2307	Data Base Management Systems Lab	0	0	26	0	26	0.87
36	CSS2351	Reading and Comprehension	13	0	0	0	13	0.43
37	BEH2351	Group Dynamics and Team Building*	13	0	0	0	13	0.43

38	LA2151/ LA2152/ LA2153 MT01	Foreign Language – III: French-III/ German-III/ Spanish-III	26	0	0	0	26	0.87
39		Minor Track	39	0	0	0	39	1.30
40	CSE2401	Theory of Automata & Computation	52	0	0	0	52	1.73
41	CSE2402	Operating Systems	39	0	0	0	39	1.30
42	CSE2403	Discrete Mathematics	52	0	0	0	52	1.73
43	CSE2404	Computer Graphics	39	0	0	0	39	1.30
44	CSE2407	Web Programming	13	0	0	0	13	0.43
45	CSE2408	Python Programming	13	0	0	0	13	0.43
46	CSE2405	UNIX Programming Lab	0	0	26	0	26	0.87
47	CSE2406	Computer Graphics Lab	0	0	26	0	26	0.87
48	CSE2409	Web Programming Lab	0	0	26	0	26	0.87
49	CSE2410	Python Programming Lab	0	0	26	0	26	0.87
50	CSS2451	Corporate Communication	13	0	0	0	13	0.43
51	BEH2451	Stress and Coping Strategies*	13	0	0	0	13	0.43
52	LA2151/ LA2152/ LA2153 MT02	Foreign Language – IV: French-IV/ German-IV/ Spanish-IV	26	0	0	0	26	0.87
53		Minor Track	39	0	0	0	39	1.30
54	CSE2501	Software Engineering	39	0	0	0	39	1.30
55	CSE2502	Computer Architecture	39	0	0	0	39	1.30
56	CSE2508	Analysis and Design of Algorithm	39	0	0	0	39	1.30
57	CSE2517	Android Programming	13	0	0	0	13	0.43
58	CSE2511	Analysis and Design of Algorithm Lab	0	0	26	0	26	0.87
59	CSE2518	Android Programming Lab	0	0	26	0	26	0.87
60	CSE2519	Object-Oriented Analysis and Design	39	0	0	0	39	1.30
61	CSE2513	Artificial Neural Network	39	0	0	0	39	1.30
62	CSE2509	Communication Systems	26	0	0	0	26	0.87
63	CSE2510	Communication Systems Lab	0	0	26	0	26	0.87
64	CSE2535	Summer Internship I (Evaluation)(NTCC)	0	0	0	0	0	0.00
65	CSS2551	Employability Skills	13	0	0	0	13	0.43
66	BEH2551	Individual Society and Nation	13	0	0	0	13	0.43
67	LAN2551/ LAN2552/ LAN2553 MT03	Foreign Language – V:French-V/ German-V/ Spanish-V	26	0	0	0	26	0.87
68		Minor Track	39	0	0	0	39	1.30
69	CSE2601	Microprocessor & Microcontroller	52	0	0	0	52	1.73
70	CSE2602	System Programming and Compiler Construction	39	0	0	0	39	1.30
71	CSE2611	Machine Learning	39	0	0	0	39	1.30
72	AIML2601	Artificial Intelligence	39	0	0	0	39	1.30
73	AIML2602	Computer Vision & Image Processing	39	0	0	0	39	1.30
74	CCCS2601	Introduction to Cloud Computing	39	0	0	0	39	1.30
75	CSE2609	Introduction of Genetic Algorithm	39	0	0	0	39	1.30
76	CSE2610	Advanced Design and Analysis of Algorithm	39	0	0	0	39	1.30
77	CSE2613	Statistical Simulation and Data Analysis	39	0	0	0	39	1.30

78	AIML2607	Business Intelligence	39	0	0	0	39	1.30
79	CSE2614	Cryptography & System Security	39	0	0	0	39	1.30
80	CSE2605	Microprocessor & Microcontroller Lab	0	0	26	0	26	0.87
81	CSE2606	System Programming and Compiler Construction Lab	0	0	26	0	26	0.87
82	CSE2615	Cryptography & System Security Lab	0	0	26	0	26	0.87
83	CSE2608	Advanced Java Programming Lab	0	0	26	0	26	0.87
84	AIML2603	Artificial Intelligence Lab	0	0	26	0	26	0.87
85	AIML2604	Computer Vision & Image Processing Lab	0	0	26	0	26	0.87
86	AIML2605	Machine Learning Lab	0	0	26	0	26	0.87
87	CCCS2602	Cloud Computing Lab	0	0	26	0	26	0.87
88	CSE2614	Mini-Project	0	0	0	0	0	0.00
89	CSS2651	Workplace Communication	13	0	0	0	13	0.43
90	BEH2651	Interpersonal Communication	13	0	0	0	13	0.43
91	LAN2651/ LAN2652/ LAN2653	Foreign Language – VI:French-VI/German-VI/Spanish-VI	26	0	0	0	26	0.87
92	MT05	Minor Track	39	0	0	0	39	1.30
93	CSE2716	Big data Technology with Hadoop	39	0	0	0	39	1.30
94	CSE2710	Cloud Computing	26	0	0	0	26	0.87
95	CSE2702	Artificial Intelligence	39	0	0	0	39	1.30
96	DS2702	Data Visualization	39	0	0	0	39	1.30
97	AIML2701	Advance Machine Learning	39	0	0	0	39	1.30
98	AIML2703	Natural Language Processing	26	0	0	0	26	0.87
99	CCCS2702	Blockchain	26	0	0	0	26	0.87
100	CCCS2703	Cyber Security	39	0	0	0	39	1.30
101	CSE2714	Web Publication Security	39	0	0	0	39	1.30
102	AIML2707	Time Series Analysis	39	0	0	0	39	1.30
103	CSE2715	Digital Forensics	39	0	0	0	39	1.30
104	CSE2708	Mobile Computing	39	0	0	0	39	1.30
105	CSE2717	Big data Technology with Hadoop Lab	0	0	26	0	26	0.87
106	CSE2711	Cloud Computing Lab	0	0	26	0	26	0.87
107	CSE2705	Artificial Intelligence Lab	0	0	26	0	26	0.87
108	DS2704	Data Visualization Lab	0	0	26	0	26	0.87
109	AIML2704	Advance Machine Learning Lab	0	0	26	0	26	0.87
110	AIML2706	Natural Language Processing Lab	0	0	26	0	26	0.87
111	CCCS2706	Blockchain Lab	0	0	26	0	26	0.87
112	CCCS2707	Cyber Security Lab	0	0	26	0	26	0.87
113	CSE2712	Major Project-A	0	0	0	0	0	0.00
114	CSE2735	Summer Internship (Evaluation II)	0	0	0	0	0	0.00
115	CSS2751	English I	13	0	0	0	13	0.43
116	BEH2751	Relationship Management	13	0	0	0	13	0.43
117	LAN2751/ LAN2752/ LAN2753	Foreign Language – VII:French-VII/German-VII/ Spanish-VII	26	0	0	0	26	0.87
118	MT05	Minor Track	39	0	0	0	39	1.30

119	CSE2809	Internet of Things	26	0	0	0	26	0.87
120	CSE2811	Digital Image Processing	39	0	0	0	39	1.30
121	AIML2801	Computer Modeling & Simulation	39	0	0	0	39	1.30
122	DS2801	Linear and Non-Linear Optimization	39	0	0	0	39	1.30
123	CCCS2801	Vulnerability Analysis	39	0	0	0	39	1.30
124	CSE2804	Pattern Recognition	39	0	0	0	39	1.30
125	AIML2804	Multi-Device & Mobile Platform Programming	39	0	0	0	39	1.30
126	CCCS2804	Game Theory	39	0	0	0	39	1.30
127	CSE2810	Internet of Things Lab	0	0	26	0	26	0.87
128	CSE2812	Digital Image Processing Lab	0	0	26	0	26	0.87
129	AIML2802	Computer Modeling & Simulation Lab	0	0	26	0	26	0.87
130	DS2802	Linear and Non-Linear Optimization Lab	0	0	26	0	26	0.87
131	CCCS2802	Vulnerability Analysis Lab	0	0	26	0	26	0.87
132	CSE2807	Pattern Recognition Lab	0	0	26	0	26	0.87
133	AIML2805	Multi-Device & Mobile Platform Programming Lab	0	0	26	0	26	0.87
134	CCCS2805	Game Theory Lab	0	0	26	0	26	0.87
135	CSE2802	Major Project-B	0	0	0	0	0	0.00
136	CSS2851	English-II	13	0	0	0	13	0.43
137	BEH2851	Personal & Professional Excellence	13	0	0	0	13	0.43
138	MT06	Minor Track	39	0	0	0	39	1.30
		Total	2860	39	1144	0	4043	134.87

1.2.3 Components of Curriculum (5)

Institute Marks : 5.00

Course Components	Curriculum Content (% of total number of credits of the program)	Total number of contact hours	Total number of credits
Basic Sciences	12	351.00	24.00
Basic Engineering	5	182.00	10.00
Humanities and Social Scie	10	260.00	20.00
Program Core	40	1313.00	83.00
Program Electives	8	260.00	17.00
Open Electives	8	208.00	16.00
Project(s)	6	0.00	12.00
Internships/Seminars	2	0.00	5.00
Any other (Please specify)	9	234.00	18.00
Total number of Credits			205.00

1.2.4 Strategies for Education Reforms (5)

Institute Marks : 5.00

Curriculum Design with Multidisciplinary and Interdisciplinary Approach:

The curriculum is periodically revised through the **Board of Studies (BoS)** with active participation from industry experts, alumni, academicians, and employers. Multidisciplinary and interdisciplinary courses are introduced as **open electives, minor courses, and value-added courses**, enabling students to acquire knowledge beyond their core discipline. Project-based learning, internships, MOOCs, and skill-oriented courses are integrated to promote holistic learning and real-world problem-solving.

Flexible Curriculum and Choice-Based Learning:

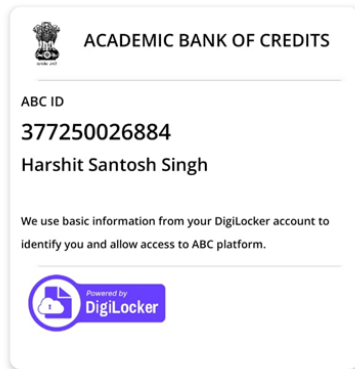
The Computer Science & Engineering (CSE) program, including its specializations in Artificial Intelligence & Machine Learning (AIML), Data Science (DS), and Cyber Security & Cloud Computing (CCCS), follows a Choice Based that provides flexibility in course selection and academic progression. Students are encouraged to choose electives from emerging and specializations such as AI, data analytics, cyber security, and cloud technologies, which fosters innovation, creativity, interdisciplinary learning, and cross-domain competence.

Academic Bank of Credits (ABC):

The institute has implemented the **Academic Bank of Credits (ABC)** framework as per UGC guidelines. Students are registered on the ABC portal, enabling digital storage, accumulation, transfer, and redemption of credits earned through courses completed at the institute or through approved online platforms such as SWAYAM. This promotes academic mobility, lifelong learning, and flexibility in program completion.

APAAR (Automated Permanent Academic Account Registry):

APAAR is implemented to ensure a **secure and permanent digital academic identity** for students. It enables seamless tracking of academic records, credit transfers, and certifications across institutions, ensuring transparency, authenticity, and ease of verification.

**Figure 1.2.4 a) Academic Bank of Records**

ABC ID : 377250026884



Amity University Maharashtra
B.TECH (COMPUTER SCIENCE & ENGINEERING) (ENGINEERING & TECHNOLOGY)
Statement of Marks/Grade
IV SEMESTER
JANUARY 2023 Examination 2022-2023

Reg. No. A70405221189

Name HARSHIT SANTOSH SINGH

A70405221189

Father's Name MR. SANTOSH SINGH

Mother's Name MRS. SARITA SINGH

College/Department Name AMITY UNIVERSITY MAHARASTRA

S.No.	Slip Course Credit ECTS	Subject/Topic	Grade	Grade Point	Credit	Credit Point	
1	BS1001	STRONG AND LOGIC STRATEGIES	A+	10	1	10	
2	CSE201	FOUNDATIONS OF ARTIFICIAL INTELLIGENCE	A+	10	4	40	
3	CSE202	FOUNDATIONS OF DATA SCIENCE	A	9	3	27	
4	CSE203	FOUNDATIONS OF CYBER SECURITY	A	9	4	36	
5	CSE204	COMPUTER GRAPHICS	A	9	3	27	
6	CSE205	COMPUTER ORGANIZATION	B	8	1	8	
7	CSE206	COMPUTER ORGANIZATION LAB	B	8	1	8	
8	CSE207	WEB PROGRAMMING	A	9	1	9	
9	CSE208	PYTHON PROGRAMMING	A+	10	1	10	
10	CSE209	WEB PROGRAMMING LAB	A	9	1	9	
11	CSE210	PYTHON PROGRAMMING LAB	A+	10	1	10	
12	CSE301	ADVANCED CONCEPTS	A+	10	1	10	
13	ENGG201	ENGINEERING MATHEMATICS	A+	10	3	30	
14	ENGG202	CALCULUS	B+	7	2	14	
TOTAL				120	27	243	
SGPA : 9							
CGPA : 9.00							







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Date : 16/05/2024 09:01:28 IST



Figure 1.2.4 b) Academic Records**Use of Technology and Outcome-Based Education (OBE):**

The institute adopts **Outcome-Based Education (OBE)** by integrating technology-supported and **experiential learning** methods such as flipped classroom, case-based learning, project-based learning, internships, laboratory work, and industry-based projects. In the flipped classroom approach, students review digital study materials before class, allowing classroom time to focus on discussions and problem-solving. Case-based learning helps students analyse real-world situations and apply theoretical concepts, enhancing critical thinking and decision-making skills. Project-based learning and experiential learning through internships, mini-projects, major projects, hackathons, and industry interactions enable students to gain practical exposure and hands-on experience using modern tools and technologies.

The use of Learning Management Systems (LMS) further supports continuous learning, resource sharing, assessments, and student engagement. These teaching-learning approaches promote active participation, practical knowledge, skill development, and help in achieving better academic performance and program outcomes.



Figure 1.2.4 c) Case Based Classroom Session



Figure 1.2.4 d) Flip Classroom Session

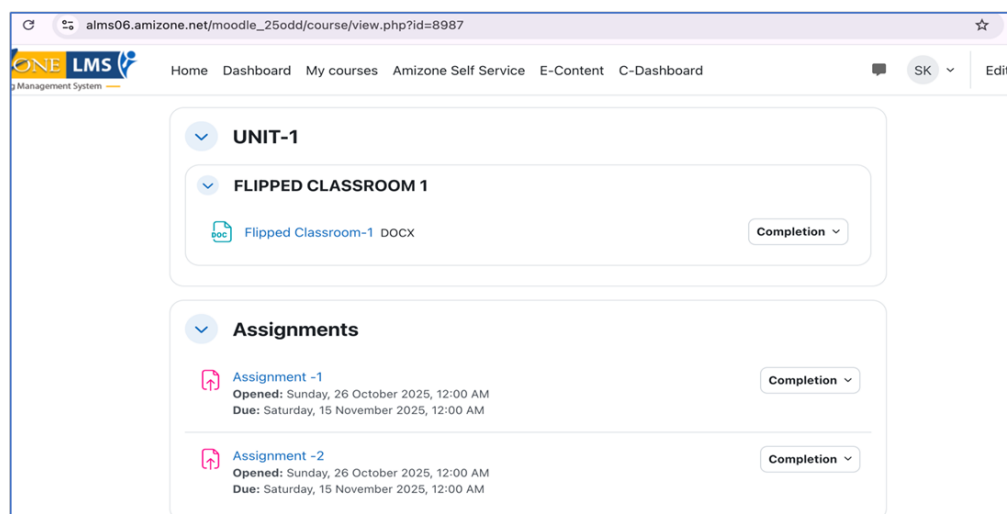


Figure 1.2.4 e) Learning Management System(LMS)

Continuous Review and Improvement

The effectiveness of education reforms is periodically reviewed through academic audits, student feedback, and performance analysis. Necessary corrective actions are implemented to improve academic quality and relevance.

1.3.1 POs and PSOs (5)

:

PSO1	Apply industry-standard, state-of-the-art technologies to solve real-world technical problems and meet current industry competency standards.
PSO2	Utilize core computing principles to design and optimize solutions, catering to evolving trends and challenges in the computer science domain.
PSO3	Develop the ability to integrate professionalism, ethics, communication and entrepreneurship for comprehensive growth.

1.3.2 Mapping between the Courses and POs/PSOs (15)

Institute Marks : 15.00

PO:

PO Number	List of Courses
PO1	Engineering Mathematics, Applied Physics, Programming for Problem Solving, Data Structures, Computer Organization, Database Management Systems, Operating Systems, Computer Networks, Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Cloud Computing, Software Engineering, Major Project, Theory of Automata and Computation, Artificial Neural Network
PO2	Programming for Problem Solving, Data Structures, Design and Analysis of Algorithms, Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Software Engineering, Mini Project, Major Project
PO3	Software Engineering, Artificial Intelligence, Machine Learning, Data Visualization, Web Technology, Cloud Computing, Cyber Security, Mini Project, Major Project
PO4	Artificial Intelligence Lab, Machine Learning Lab, Data Visualization Lab, Theory of Automata and Computation, Artificial Neural Network, Mini Project, Major Project
PO5	Programming Lab, Data Structures Lab, DBMS Lab, Machine Learning Lab, Data Visualization Lab, Cloud Computing Lab, Cyber Security Lab, Software Engineering Lab, Major Project
PO6	Environmental Studies, Cyber Security, Cloud Computing, Software Engineering, Project , EME, Android Programming Lab, Python Programming Lab, Artificial Intelligence
PO7	Professional Ethics, Cyber Security, Software Engineering, Project, Environmental Studies. Summer Internship, Major Project, Mini Project, Android Programming Lab,Python Programming Lab, Artificial Intelligence
PO8	Mini Project, Major Project, Software Engineering, Summer Internship
PO9	Communication Skills, Seminar, Mini Project, Major Project, Internship, CSS
PO10	Software Engineering, Entrepreneurship Development, Summer Internship, Major Project, Mini Project, CSS
PO11	Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Cloud Computing,Theory of Automata and Computation, Artificial Neural Network, Summer Internship, Major Project, Mini Project,CSS

PSO:

PO Number	List of Courses
PSO1	Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, Cyber Security, Web Technology, Summer Internship, Major Project, Mini Project, CSS, Theory of Automata and Computation, Artificial Neural Network
PSO2	Programming for Problem Solving, Data Structures, Database Management Systems, Operating Systems, Computer Networks, Design and Analysis of Algorithms, Software Engineering,Summer Internship, Major Project, Mini Project, CSS, Theory of Automata and Computation, Artificial Neural Network.
PSO3	Professional Ethics, Communication Skills, Entrepreneurship Development, Summer Internship, Major Project, Mini Project, CSS.

1.4 Course Outcomes and Course Articulation Matrix (30)

Total Marks 30.00

No. of Core Courses : 10	C2 : 4	C3 : 4	C4 : 2
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Note : Number of Outcomes for a Course is expected to be around 6.

Course Code :	C202	Semester :	3
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Course Outcome	Statements
C201.1	Interpret the fundamental concepts of data communication, network architectures, protocols, and standards (OSI and TCP/IP models).
C201.2	Analyze different switching techniques (circuit and packet switching) and evaluate network performance parameters.
C201.3	Apply error detection and correction methods and flow control mechanisms in the data link layer.
C201.4	Establish a relation between displacement, velocity and acceleration of a particle and analyze the motion by plotting the relation.
C201.5	Design IP addressing schemes, subnetting, and analyze network layer protocols including IPv4/IPv6 and routing mechanisms.
C201.6	Explain application layer protocols (DNS, HTTP, FTP, SMTP, SNMP) and their role in network communication.

Course Code :	C205	Semester :	3
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Course Outcome	Statements
C202.1	Understand the fundamentals of data structures and their applications.
C202.2	Differentiate between linear and non-linear data structures.
C202.3	Implement various data structures using the C programming language.
C202.4	Apply searching, sorting, and traversal algorithms efficiently.
C202.5	Solve real-world problems using appropriate data structures.
C202.6	Optimize memory usage and improve program efficiency.

Course Code :	C211	Semester :	4
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Course Outcome	Statements
C208.1	Apply the concepts of alphabets, languages, to construct, convert, and minimize finite automata for solving computational problems.
C208.2	Analyze regular expressions and regular languages to establish their equivalence with finite automata and understand their closure and decision properties.
C208.3	Analyze formal grammar and normal forms, derive parse trees, and examine closure properties of languages.
C208.4	Apply the principles of deterministic and non-deterministic push-down automata to design and validate languages accepted by PDAs and their relation to CFGs.
C208.5	Evaluate the computational power and limitations of Turing Machines by designing TMs and comparing their variants.
C208.6	Evaluate decidability and undecidability of computational problems.

Course Code :	C214	Semester :	4
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Course Outcome	Statements
C211.1	Understand the basic concepts of computer graphics.
C211.2	Demonstrate various algorithms for scan conversion and filling of basic objects and their comparative analysis
C211.3	Apply geometric transformations, viewing and clipping on graphical objects.
C211.4	Explore solid model representation techniques and projections
C211.5	Understand visible surface detection techniques and illumination models.
C211.6	Implement interactive graphics applications using modern graphics programming techniques.

Course Code :	C303	Semester :	5
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Course Outcome	Statements
C305.1	Analyze algorithm complexity and correctness using asymptotic notations and recurrence relations.
C305.2	Design and apply divide-and-conquer algorithms to solve computational problems.
C305.3	Develop and evaluate greedy algorithms for optimization problems.
C305.4	Apply dynamic programming techniques to solve complex problems efficiently.
C305.5	Construct and analyze backtracking algorithms for combinatorial problems.
C305.6	Apply graph algorithms and analyze their performance for real-world problems.

Course Code :	C301	Semester :	5
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Course Outcome	Statements
C306.1	To Summarize Software Engineering and process of Software production
C306.2	To Differentiate wide varying nature of software solutions and discern domain aspect and technology aspects of software
C306.3	To deconstruct different stages of Software products' life cycle and software Evolution and determine requirements for software solution development
C306.4	To summarize architecture, design, and implementation considerations of software solution

C306.5	To Analyze quality aspects across the stages and generate plan for software development
C306.6	To understand the process of Software release, licensing and configuration management

Course Code :	C313	Semester :	6
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Course Outcome	Statements
C318.1	Describe basic security concepts, including security goals, services, mechanisms, and common network security attacks.
C318.2	Analyze and compare symmetric and asymmetric cryptographic algorithms.
C318.3	Apply cryptographic techniques for secure communication.
C318.4	Examine hash functions and digital signatures for data security.
C318.5	Implement and evaluate network security protocols.
C318.6	Assess security applications and identify system vulnerabilities.

Course Code :	C314	Semester :	6
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Course Outcome	Statements
C319.1	To Understand the fundamental concepts, history, applications, and ethical issues of Artificial Intelligence.
C319.2	To Apply the concepts of intelligent agents and environment types to model AI-based problem scenarios.
C319.3	To Analyze and compare uninformed, informed, and adversarial search techniques for solving AI problems.
C319.4	To Analyze and compare uninformed, informed, and adversarial search techniques for solving AI problems
C319.5	To Evaluate probabilistic reasoning methods, including Bayes' theorem and Bayesian networks, for decision-making under uncertainty.
C319.6	To Evaluate planning strategies, learning paradigms, and expert system components for developing intelligent solutions.

Course Code :	C401	Semester :	7
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Course Outcome	Statements
C401.1	Understanding Big Data fundamentals, characteristics, traditional vs Big Data approaches, and case studies.
C401.2	Understanding the Hadoop ecosystem, HDFS, MapReduce for enhancing programming skills in distributed computing.
C401.3	Design and implement appropriate NoSQL models and justify architectural choices for specific data problems.
C401.4	Implement and evaluate data stream processing, Bloom filters, DGIM algorithm, frequent itemset, and scalable algorithms.
C401.5	Apply streaming data solutions and analyze algorithmic efficiency and accuracy.
C401.6	Solve Complex real-world problems in various applications like recommender systems, social media applications, health and medical systems.

Course Code :	C421	Semester :	8
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Course Outcome	Statements
C424.1	Analyze and design logic circuits using Boolean algebra and K-map minimization techniques.
C424.2	Design and analyze combinational circuits including adders, subtractors, and data selectors.
C424.3	Design and analyze sequential circuits using flip-flops, registers, and counters.
C424.4	Demonstrate arithmetic algorithms for ALU operations and understand computer organization.
C424.5	Understand processor organization, control unit design, and describe pipelining hazards.
C424.6	Demonstrate memory mapping techniques and analyze memory hierarchy performance.

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1.4.2 Course Articulation Matrix (15) :

1 . course name : C2C202

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C2C201.1	Interpret th	2 ▾	1 ▾	- ▾	- ▾	1 ▾	- ▾	3 ▾	- ▾	3 ▾	- ▾	3 ▾
C2C201.2	Analyze dif	3 ▾	3 ▾	1 ▾	2 ▾	2 ▾	- ▾	2 ▾	- ▾	2 ▾	- ▾	2 ▾
C2C201.3	Apply error	3 ▾	2 ▾	1 ▾	1 ▾	2 ▾	- ▾	3 ▾	- ▾	3 ▾	- ▾	3 ▾
C2C201.4	Establish a	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	- ▾	2 ▾	- ▾	2 ▾	- ▾	2 ▾
C2C201.5	Design IP a	2 ▾	3 ▾	1 ▾	2 ▾	2 ▾	1 ▾	3 ▾	1 ▾	3 ▾	- ▾	3 ▾
C2C201.6	Explain app	2 ▾	1 ▾	- ▾	- ▾	1 ▾	- ▾	2 ▾	- ▾	2 ▾	1 ▾	2 ▾
Average		2.50	2.17	1.25	1.75	1.67	1.00	2.50	1	2.50	1	2.50

2 . course name : C2C205

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C2C202.1	Understand	3 ▾	1 ▾	- ▾	- ▾	1 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾
C2C202.2	Differentiat	3 ▾	2 ▾	2 ▾	1 ▾	3 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾
C2C202.3	Implement	3 ▾	2 ▾	2 ▾	1 ▾	3 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾
C2C202.4	Apply searc	3 ▾	3 ▾	2 ▾	3 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾
C2C202.5	Solve real-	3 ▾	2 ▾	2 ▾	1 ▾	3 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾
C2C202.6	Optimize m	3 ▾	3 ▾	3 ▾	2 ▾	3 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	2 ▾
Average		3.00	2.17	2.20	1.60	2.50	0.00	0.00	0.00	0.00	0.00	1.17

3 . course name : C2C211

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C2C208.1	Apply the c	3 ▾	1 ▾	2 ▾	1 ▾	1 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾
C2C208.2	Analyze re	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	2 ▾
C2C208.3	Analyze for	3 ▾	2 ▾	2 ▾	1 ▾	2 ▾	1 ▾	- ▾	- ▾	1 ▾	1 ▾	2 ▾
C2C208.4	Apply the p	2 ▾	2 ▾	3 ▾	2 ▾	2 ▾	1 ▾	1 ▾	- ▾	1 ▾	1 ▾	3 ▾
C2C208.5	Evaluate th	3 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	1 ▾	1 ▾	1 ▾	2 ▾	3 ▾
C2C208.6	Evaluate d	3 ▾	2 ▾	3 ▾	2 ▾	3 ▾	2 ▾	- ▾	1 ▾	1 ▾	2 ▾	3 ▾
Average		2.83	2.00	2.33	1.67	2.00	1.50	1.00	1.00	1.00	1.50	2.33

4 . course name : C2C214

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C2C211.1	Understand	3 ▾	1 ▾	- ▾	- ▾	1 ▾	- ▾	1 ▾	- ▾	- ▾	- ▾	- ▾
C2C211.2	Demonstra	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	- ▾	2 ▾	- ▾	- ▾	- ▾	- ▾
C2C211.3	Apply geom	3 ▾	2 ▾	2 ▾	1 ▾	2 ▾	- ▾	2 ▾	- ▾	- ▾	- ▾	- ▾
C2C211.4	Explore sol	2 ▾	2 ▾	3 ▾	2 ▾	2 ▾	1 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾
C2C211.5	Understand	3 ▾	2 ▾	2 ▾	2 ▾	2 ▾	1 ▾	2 ▾	1 ▾	- ▾	- ▾	- ▾
C2C211.6	Implement	3 ▾	2 ▾	3 ▾	2 ▾	3 ▾	1 ▾	3 ▾	1 ▾	2 ▾	2 ▾	2 ▾
Average		2.83	2.00	2.40	1.80	2.00	1.00	2.00	1.00	2.00	2.00	2.00

5 . course name : C3C303

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C3C305.1	Analyze alg	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾
C3C305.2	Design and	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾
C3C305.3	Develop an	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾
C3C305.4	Apply dyna	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾
C3C305.5	Construct a	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾
C3C305.6	Apply grap	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾
Average		3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

6 . course name : C3C301

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C3C306.1	To Summar	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾
C3C306.2	To Different	2 ▾	2 ▾	- ▾	- ▾	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾
C3C306.3	To deconst	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	2 ▾

C3C306.4	To summar	3	▼	2	▼	3	▼	-	▼	3	▼	-	▼	-	▼	-	▼	-	▼	2	▼
C3C306.5	To Analyze	3	▼	3	▼	3	▼	2	▼	2	▼	-	▼	-	▼	-	▼	-	▼	3	▼
C3C306.6	To understa	2	▼	2	▼	2	▼	-	▼	3	▼	2	▼	2	▼	2	▼	2	▼	2	▼
Average		2.50		2.40		2.75		2.00		2.40		2.00		2.00		2.00		2.00		2.25	

7 . course name : C3C313

Course	Statements	PO1		PO2		PO3		PO4		PO5		PO6		PO7		PO8		PO9		PO10		PO11	
C3C318.1	Describe b	3	▼	3	▼	3	▼	-	▼	-	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C3C318.2	Analyze an	3	▼	3	▼	3	▼	-	▼	-	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C3C318.3	Apply crypt	3	▼	3	▼	3	▼	-	▼	-	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C3C318.4	Examine h	3	▼	3	▼	3	▼	-	▼	-	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C3C318.5	Implement	3	▼	3	▼	3	▼	-	▼	-	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C3C318.6	Assess sec	3	▼	3	▼	3	▼	-	▼	-	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
Average		3.00		3.00		3.00		0.00		0.00		2.00		2.00		2.00		2.00		2.00		2.00	

8 . course name : C3C314

Course	Statements	PO1		PO2		PO3		PO4		PO5		PO6		PO7		PO8		PO9		PO10		PO11	
C3C319.1	To Underst	3	▼	1	▼	2	▼	3	▼	1	▼	2	▼	1	▼	1	▼	2	▼	2	▼	2	▼
C3C319.2	To Apply th	3	▼	3	▼	2	▼	2	▼	2	▼	2	▼	1	▼	2	▼	2	▼	2	▼	2	▼
C3C319.3	To Analyze	3	▼	2	▼	1	▼	1	▼	1	▼	1	▼	1	▼	2	▼	1	▼	2	▼	2	▼
C3C319.4	To Analyze	3	▼	3	▼	3	▼	2	▼	2	▼	2	▼	1	▼	2	▼	2	▼	2	▼	2	▼
C3C319.5	To Evaluate	3	▼	2	▼	2	▼	1	▼	2	▼	1	▼	1	▼	1	▼	2	▼	2	▼	2	▼
C3C319.6	To Evaluate	3	▼	3	▼	2	▼	2	▼	3	▼	2	▼	3	▼	1	▼	2	▼	3	▼	3	▼
Average		3.00		2.33		2.00		1.83		1.83		1.67		1.33		1.50		1.83		2.17		2.17	

9 . course name : C4C401

Course	Statements	PO1		PO2		PO3		PO4		PO5		PO6		PO7		PO8		PO9		PO10		PO11	
C4C401.1	Understand	3	▼	2	▼	-	▼	-	▼	1	▼	-	▼	-	▼	-	▼	-	▼	-	▼	2	▼
C4C401.2	Understand	3	▼	2	▼	1	▼	1	▼	3	▼	-	▼	-	▼	2	▼	-	▼	-	▼	2	▼
C4C401.3	Design and	3	▼	3	▼	3	▼	2	▼	3	▼	-	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C4C401.4	Implement	3	▼	3	▼	2	▼	3	▼	3	▼	-	▼	-	▼	-	▼	-	▼	-	▼	2	▼
C4C401.5	Apply strea	3	▼	3	▼	3	▼	3	▼	3	▼	-	▼	-	▼	-	▼	2	▼	-	▼	2	▼
C4C401.6	Solve Com	3	▼	3	▼	2	▼	2	▼	3	▼	2	▼	2	▼	-	▼	-	▼	2	▼	3	▼
Average		3.00		2.67		2.20		2.20		2.67		2.00		2.00		2.00		2.00		2.00		2.17	

10 . course name : C4C421

Course	Statements	PO1		PO2		PO3		PO4		PO5		PO6		PO7		PO8		PO9		PO10		PO11	
C4C424.1	Analyze an	3	▼	3	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C4C424.2	Design and	3	▼	3	▼	3	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C4C424.3	Design and	3	▼	3	▼	3	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C4C424.4	Demonstra	3	▼	3	▼	3	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C4C424.5	Understand	3	▼	3	▼	3	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C4C424.6	Demonstra	3	▼	3	▼	3	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
Average		3.00		3.00		2.83		2.00		2.00		2.00		2.00		2.00		2.00		2.00		2.00	

1 . Course Name : C2C202

Course	PSO1	PSO2	PSO3
C2C201.1	1 ▾	2 ▾	- ▾
C2C201.2	2 ▾	2 ▾	- ▾
C2C201.3	2 ▾	3 ▾	- ▾
C2C201.4	2 ▾	3 ▾	- ▾
C2C201.5	3 ▾	2 ▾	1 ▾
C2C201.6	1 ▾	2 ▾	- ▾
Average	1.83	2.33	1

2 . Course Name : C2C205

Course	PSO1	PSO2	PSO3
C2C202.1	1 ▾	2 ▾	- ▾
C2C202.2	3 ▾	3 ▾	- ▾
C2C202.3	3 ▾	3 ▾	- ▾
C2C202.4	3 ▾	3 ▾	- ▾
C2C202.5	3 ▾	3 ▾	- ▾
C2C202.6	3 ▾	3 ▾	1 ▾
Average	2.67	2.83	1.00

3 . Course Name : C2C211

Course	PSO1	PSO2	PSO3
C2C208.1	2 ▾	2 ▾	1 ▾
C2C208.2	2 ▾	3 ▾	1 ▾
C2C208.3	2 ▾	3 ▾	1 ▾
C2C208.4	2 ▾	3 ▾	1 ▾
C2C208.5	2 ▾	3 ▾	2 ▾
C2C208.6	3 ▾	3 ▾	1 ▾
Average	2.17	2.83	1.17

4 . Course Name : C2C214

Course	PSO1	PSO2	PSO3
C2C211.1	2 ▾	2 ▾	- ▾
C2C211.2	2 ▾	3 ▾	- ▾
C2C211.3	2 ▾	3 ▾	- ▾
C2C211.4	2 ▾	3 ▾	- ▾
C2C211.5	2 ▾	3 ▾	1 ▾
C2C211.6	3 ▾	3 ▾	2 ▾
Average	2.17	2.83	1.50

5 . Course Name : C3C303

Course	PSO1	PSO2	PSO3
C3C305.1	2 ▾	3 ▾	2 ▾
C3C305.2	2 ▾	3 ▾	2 ▾
C3C305.3	2 ▾	3 ▾	2 ▾
C3C305.4	2 ▾	3 ▾	2 ▾
C3C305.5	2 ▾	3 ▾	2 ▾
C3C305.6	2 ▾	3 ▾	2 ▾
Average	2.00	3.00	2.00

6 . Course Name : C3C301

Course	PSO1	PSO2	PSO3
C3C306.1	2 ▾	1 ▾	1 ▾
C3C306.2	2 ▾	2 ▾	2 ▾
C3C306.3	3 ▾	2 ▾	2 ▾

C3C306.4	3	▼	2	▼	2	▼
C3C306.5	3	▼	3	▼	2	▼
C3C306.6	2	▼	3	▼	2	▼
Average	2.50		2.17		1.83	

7 . Course Name : C3C313

Course	PSO1		PSO2		PSO3	
C3C318.1	2	▼	3	▼	2	▼
C3C318.2	2	▼	3	▼	2	▼
C3C318.3	2	▼	3	▼	2	▼
C3C318.4	2	▼	3	▼	2	▼
C3C318.5	2	▼	3	▼	2	▼
C3C318.6	2	▼	3	▼	2	▼
Average	2.00		3.00		2.00	

8 . Course Name : C3C314

Course	PSO1		PSO2		PSO3	
C3C319.1	2	▼	2	▼	1	▼
C3C319.2	2	▼	3	▼	1	▼
C3C319.3	2	▼	3	▼	1	▼
C3C319.4	2	▼	3	▼	1	▼
C3C319.5	2	▼	3	▼	1	▼
C3C319.6	3	▼	3	▼	2	▼
Average	2.17		2.83		1.50	

9 . Course Name : C4C401

Course	PSO1		PSO2		PSO3	
C4C401.1	2	▼	2	▼	1	▼
C4C401.2	3	▼	3	▼	1	▼
C4C401.3	3	▼	3	▼	1	▼
C4C401.4	3	▼	3	▼	1	▼
C4C401.5	3	▼	3	▼	1	▼
C4C401.6	3	▼	3	▼	2	▼
Average	2.83		2.83		1.16	

10 . Course Name : C4C421

Course	PSO1		PSO2		PSO3	
C4C424.1	3	▼	2	▼	2	▼
C4C424.2	3	▼	2	▼	2	▼
C4C424.3	3	▼	2	▼	2	▼
C4C424.4	3	▼	2	▼	2	▼
C4C424.5	3	▼	2	▼	2	▼
C4C424.6	3	▼	2	▼	2	▼
Average	3.00		2.00		2.00	

1.5 Program Articulation Matrix (5)

Total Marks 5.00

:

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101	2.83	2	2.4	1.8	2	1	1	2	2	2	2.17
C102	3	2.17	1.33	1.75	1.5	2	PO7	PO8	PO9	PO10	1.5
C103	3	2	1	0.67	PO5	1.67	0.17	0.17	0.17	PO10	1.33
C104	3	2.5	2.2	PO4	1.83	PO6	PO7	PO8	1	PO10	1
C105	2.83	2.33	1.4	2	1	PO6	PO7	PO8	PO9	PO10	1
C106	3	2.2	1.4	2.83	1.33	1	2	2	2	PO10	1.33
C107	3	3	PO3	3	2	1	PO7	1	1	PO10	2
C108	3	2.17	2.4	2	1.83	1.67	PO7	PO8	PO9	PO10	2.17
C109	3	3	3	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11
C110	2.5	2	1.33	1	1.83	1.5	1	2	1.67	1	1
C111	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	3	3	3
C112	1.33	2.17	2.17	1	1.67	3	2.67	1.67	1.83	1.67	2.67
C113	2.83	2.33	2	2.33	1.17	1	PO7	1	1	1	1.67
C114	3	2.17	1.67	2	1.5	1	PO7	PO8	PO9	PO10	1.5
C115	2.83	2.67	2.67	1.8	2.33	PO6	PO7	PO8	1	PO10	1.5
C116	2.83	2	2.4	1.8	2	1	1	2	2	2	2.17
C117	3	2.4	1.5	2.83	1.5	1.5	2	2	2	PO10	1.33
C118	2.83	2.67	2.83	1.83	3	PO6	PO7	PO8	1	PO10	2
C119	3	2.17	2.4	2	1.83	1.67	PO7	PO8	PO9	PO10	2.17
C120	3	1.6	1.5	PO4	2.17	PO6	PO7	PO8	1	1	1
C121	1.67	1	2.5	1	1.83	3	2	1.5	1.5	1.83	2.67
C122	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	3	3	3
C201	3	3	3	PO4	1.83	PO6	PO7	PO8	PO9	1.33	PO11
C202	2.50	2.17	1.25	1.75	1.67	1	2.50	1	2.50	1	2.50
C203	2.83	2.83	2.83	PO4	2.00	2.83	2.83	2.83	2.83	2.83	2.83
C204	3	2.17	.2	2	2.4	PO6	PO7	PO8	PO9	PO10	1.17
C205	3	2.17	2.2	1.6	2.5	PO6	PO7	PO8	PO9	PO10	1.17
C206	3	2.17	2.4	2	1.83	1.67	PO7	PO8	PO9	PO10	2.17
C207	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C208	2.00	1.67	1.50	1.25	1.67	2.00	2.00	2.00	1.33	1.50	1.00
C209	3.00	3.00	3.00	PO4	2.00	3.00	3.00	3.00	3.00	3.00	3.00
C210	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	3	3	3
C211	2.83	2.00	2.33	1.67	2	1.50	1.00	1.00	1.00	1.50	2.33
C212	3	3	3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C213	3	3	3	PO4	1.67	PO6	PO7	PO8	PO9	1	PO11
C214	2.83	2	2.40	1.80	2	1	2	1	2	2	2
C215	3.00	2.67	2.50	2.20	2.83	2.00	2.00	2.00	2.00	2.00	2.00
C216	3.00	2.67	2.50	2.00	2.33	2.00	2.00	2.00	2.00	1.00	1.00
C217	3.00	3.00	3.00	PO4	3.00	2	2	2	2	2	2
C218	3.00	2.17	2.40	2.00	1.83	1.67	1.67	1.67	1.67	1.67	1.67
C219	2.83	2.83	2.67	2.17	3.00	2.00	2.00	2.00	2.00	2.00	2.00
C220	3.00	2.17	2.40	2.00	1.83	1.67	1.67	2.17	2.17	2.17	2.17
C221	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	3	3	3
C301	2.5	2.17	2.17	1.67	2.17	1.25	2	1	1	2.25	1.67
C302	3	2.33	1.5	1.67	1.5	PO6	PO7	PO8	1	PO10	1.33
C303	3	3	3	2	2	2	2	2	2	2	2
C304	3	3	3	2	3	2	PO7	PO8	PO9	PO10	3
C305	3.00	2.17	2.40	2.00	1.83	1.67	1.67	2.17	2.17	2.17	2.17
C306	3	3	3	2	3	2	PO7	PO8	PO9	PO10	3
C307	3.00	2.33	2.33	2.33	2.67	1.00	1.83	1.00	1.33	1.00	2.00
C308	2.83	2.50	2.50	1.40	1.83	2.00	2.00	2.00	2.00	1.00	2.00
C309	3	3	3	3	3	3	3	3	3	3	3
C310	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	3	3	3
C311	3	3	3	PO4	2	PO6	PO7	PO8	PO9	PO10	2
C312	2.85	2.44	2.44	2.8	2	PO6	PO7	PO8	PO9	PO10	2.2
C313	3	3	3	PO4	PO5	2	2	2	2	2	2

C314	3.00	2.33	2.00	1.83	1.83	1.67	1.33	1.50	1.83	2.17	2.17
C315	3.00	2.17	2.20	1.60	2.50	2.50	2.50	2.50	2.50	2.50	2.50
C316	3.00	3.00	2.50	1.83	2.33	2.67	2.67	2.67	2.67	1.00	2.67
C317	3.00	2.67	2.00	1.60	2.00	1.50	1.50	2.00	2.00	2.00	1.33
C318	1.83	2.17	1.6	1.6	2.17	2	1	1	1.5	1	1.83
C319	3.00	2.17	2.20	1.60	2.50	2.67	2.67	2.67	2.67	2.67	2.67
C320	3	3	3	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11
C321	2.78	2.5	2.2	2.72	2.1	PO6	PO7	PO8	PO9	PO10	2.32
C322	3.00	3.00	3.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00
C323	3	2.33	2	1.6	1.83	1.67	1	1	1.5	1.5	2.17
C324	3.00	2.50	1.83	2.00	3.00	2.67	2.67	2.67	2.67	2.67	2.67
C325	3.00	2.67	2.50	2.00	2.17	1.67	2.50	2.50	2.50	2.50	2.50
C326	2.67	2.50	2.00	1.25	2.40	PO6	PO7	PO8	PO9	1.50	2.00
C327	3.00	2.67	2.50	2.00	2.50	2.00	2.00	2.00	1.33	1.17	1.00
C328	3	3	3	3	3	3	3	3	3	3	3
C329	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	3	3	3
C401	3.00	2.67	2.20	2.20	2.67	2.00	2.00	2.00	2.00	2.00	2.17
C402	3.00	2.67	2.00	1.60	2.00	2.00	2.00	2.00	2.00	1.33	2.00
C403	3	2.33	2	1.83	1.83	1.67	1.50	1.83	2.17	2.17	2.17
C404	3.00	2.83	2.33	2.00	2.00	2.00	2.00	2.00	1.00	2.00	1.83
C405	2.67	2.67	2.50	1.83	2.17	2.50	2.50	2.50	2.50	1.00	1.67
C406	2.17	2.67	2.17	2.33	2.33	1.20	1.00	1.00	1.50	1.00	1.67
C407	3.00	2.33	3.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	2.00
C408	2.17	2.67	2.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	2.00
C409	2.83	2.17	2	2.6	2.6	1	1.67	1	1	1	1.17
C410	3.00	2.67	1.83	1.33	2.17	2.00	2.00	2.00	1.67	2.00	2.00
C411	2.67	2.50	2.00	1.25	2.40	2.40	2.40	2.40	1.50	2.00	2.00
C412	3	2.33	2.33	2	2.83	1.17	1	1	1.17	1	1.33
C413	2.83	2.83	2.50	2.33	3.00	2.00	2.00	2.00	1.00	2.00	2.00
C414	3.00	2.17	2.33	2.00	1.83	1.67	2.33	2.33	2.33	2.33	2.17
C415	2.17	2.50	2.17	2.50	2.83	1.25	2.00	2.00	2.00	2.00	1.67
C416	2.33	2.17	2.20	2.00	1.67	2.00	2.00	2.00	2.00	2.00	2.00
C417	2.17	2.67	3.00	2.00	2.83	2.00	2.00	2.00	2.00	2.00	2.00
C418	3	3	3	3	3	3	3	3	3	3	3
C419	3	3	3	3	3	3	3	3	3	3	3
C420	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	3	3	3
C421	3.00	3.00	2.83	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
C422	3.00	2.33	2.40	2.20	2.33	2.50	2.50	2.50	2.50	2.50	1.83
C423	3	2.33	2	2.4	2.33	PO6	PO7	PO8	PO9	0.17	1.5
C424	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
C425	2.00	2.50	3.00	2.25	2.00	2.00	1.50	2.00	2.00	2.00	2.00
C426	3.00	2.33	2.25	2.40	2.25	1.17	1.17	1.17	1.17	1.17	1.17
C427	2.83	2	2.4	1.8	2	1	1	2	2	2	2.17
C428	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00
C429	2.33	3.00	2.33	2.00	2.17	1.50	1.00	1.00	1.00	1.00	2.00
C430	3	2.67	2.17	2.33	2.67	PO6	PO7	PO8	1.4	1.25	1.5
C431	3.00	3.00	3.00	3.00	3.00	2.00	PO7	PO8	PO9	PO10	2.00
C432	2.17	2.50	0.00	2.20	2.80	1.50	1.50	1.50	1.50	1.50	1.50
C433	3.00	2.17	2.00	2.40	2.40	1.00	1.00	1.00	1.00	1.00	1.17
C434	3	2.17	2.4	2	1.83	1.67	PO7	PO8	PO9	PO10	2.17
C435	3	3	3	3	3	3	3	3	3	3	3
C436	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	3	3	3

Course Code	PSO1	PSO2	PSO3
C101	2.17	2.83	1.5
C102	1.8	2	0
C103	2.17	0.17	0.33
C104	2.17	2.83	1

C105	2.5	2.17	1.83
C106	1.66	1.66	2
C107	3	PSO2	PSO3
C108	2.33	2.83	PSO3
C109	PSO1	PSO2	PSO3
C110	1.5	1	1.5
C111	PSO1	PSO2	3
C112	2.33	1	2.5
C113	2.17	2.67	2
C114	2	1.5	PSO3
C115	2.83	2.83	PSO3
C116	2.17	2.83	PSO3
C117	2.33	1.33	PSO3
C118	3	3	PSO3
C119	2.33	2.83	PSO3
C120	1.83	1.5	1.17
C121	2.17	1	2.67
C122	PSO1	PSO2	3
C201	PSO1	2.67	PSO3
C202	1.83	2.33	1
C203	2.00	3.00	2.83
C204	2.83	2.83	1.17
C205	2.67	2.83	1
C206	2.33	2.83	PSO3
C207	2.8	2.83	1.2
C208	1.50	2.00	1.00
C209	2.00	3.00	3.00
C210	PSO1	PSO2	3
C211	2.17	2.83	1.17
C212	2	3	PSO3
C213	PSO1	2.67	PSO3
C214	2.17	2.83	1.5
C215	2.83	2.83	2.00
C216	1.83	3.00	1.67
C217	2.00	3.00	2.00
C218	2.33	2.83	1.67
C219	3.00	3.00	2.00
C220	2.33	2.83	PSO3
C221	PSO1	PSO2	3
C301	2.5	2.17	2.83
C302	2	3	PSO3
C303	2	3	2
C304	3	3	3
C305	2.33	2.83	2.17
C306	3	3	3
C307	2.67	2.83	1.50
C308	1.83	2.00	2.00
C309	3	3	3
C310	PSO1	PSO2	3
C311	2	3	PSO3
C312	1.8	2.2	1.5
C313	2	3	2
C314	2.17	2.83	1.17
C315	2.67	2.83	1.00
C316	2.67	2.83	2.67
C317	2.67	2.83	1.67
C318	2.33	2.5	1.5

C319	2.67	2.83	2.67
C320	2	3	PSO3
C321	1.74	2.2	1.5
C322	2.00	3.00	2.00
C323	2.17	2.83	1.5
C324	2.67	3.00	2.67
C325	2.67	2.83	1
C326	2.67	2.83	1.83
C327	2.17	3.00	1.33
C328	3	3	3
C329	2.33	2.83	2.50
C401	2.83	2.83	1.17
C402	2.67	2.83	1.67
C403	2.17	2.83	1.17
C404	2.83	2.83	2.00
C405	2.50	2.83	2.50
C406	2.67	2.83	1.17
C407	2.50	2.17	1.17
C408	3.00	2.00	2.33
C409	2.83	2.83	1.17
C410	2.67	2.17	1.50
C411	2.67	2.83	1.83
C412	1.33	2.33	3
C413	3.00	3.00	2.00
C414	2.33	2.83	2.33
C415	2.83	2.83	1.33
C416	2.33	2.50	2.00
C417	3.00	2.50	2.00
C418	3	3	3
C419	3	3	3
C420	PSO1	PSO2	3
C421	3	2	2
C422	2.33	2.83	1.50
C423	2.5	2.33	1
C424	3.00	2.00	2.00
C425	2.33	1.67	1.50
C426	2.83	2.83	1.17
C427	2.17	2.83	1.5
C428	3.00	2.00	2.00
C429	1.83	2.17	2.00
C430	2.67	2.83	1
C431	3	2	PSO3
C432	2.50	1.83	1.50
C433	2.83	2.83	1.17
C434	2.33	2.83	PSO3
C435	3	3	3
C436	PSO1	PSO2	3

2 OUTCOME-BASED TEACHING LEARNING (120)

Total Marks 120.00

2.1 Describe Processes Followed to Ensure Quality of Teaching & Learning (20)

Total Marks 20.00

A. Adherence to Academic Calendar

In the beginning of every academic year, the academic calendar is framed and issued to the faculty members and students through email and displayed at Department notice board. The academic calendar is prepared including departmental activities in line with the institution calendar.

The academic calendar provides:-

- Date of commencement of the academic session
- Duration of semester
- Total number of teaching days
- Commencement of Mid Semester Exams
- Last working day
- Commencement of practical and End Semester Examinations (ESE)
- Date of declaration of results
- Date of reopening of the forthcoming semester etc.

Table 2.1.1a Academic calendar for odd semester of 2025-26

AMITY UNIVERSITY MAHARASHTRA ACADEMIC ACTIVITY CALENDER ODD SEMESTER 2025-26			
Sr. No.	Activity	Date/Duration	Remarks
1	Registration/ Orientation		
	Sr. Batch	21 st July & 22 nd July 2025	
	First Year Sem-1	6 th Aug & 7 th Aug 2025	
2	Commencement of the Classes		
	Sr. Batch	23 rd July 2025	
	First Year Sem-1	8 th Aug 2025	
3	Mid Semester Test		
	Sr. Batch	22 nd Sep to 26 th Sep 2025	
	First Year Sem-1	10 th Oct to 16 th Oct 2025	
4	Parent Teacher Interaction Week		
	Sr. Batch	6 th Oct to 10 th Oct 2025	
	First Year Sem-1	27 th Oct to 31 st Oct 2025	
5	School Academic Audit		
	Sr. Batch	29 th Oct to 12 th Nov 2025	
6	Faculty Feedback		
	Sr. Batch	17 th Nov to 28 th Nov 2025	
	First Year Sem-1	1 st Dec to 12 th Dec 2025	
7	Teaching Load Review of Schools		
	Sr. Batch	27 th & 28 th Nov 2025	
8	Visiting Faculty Proposal Submission		
	Sr. Batch	1 st Dec 2025	
9	Last Date of the Classes		
	Sr. Batch	2 nd Dec 2025	
	First Year Sem-1	16 th Dec 2025	
10	Debarred List Compliance		
	Sr. Batch	2 nd Dec 2025	
	First Year Sem-1	16 th Dec 2025	
11	End Sem Examination		
	Sr. Batch	4 th Dec to 24 th Dec 2025	
	First Year Sem-1	18 th Dec 2025 to 8 th Jan 2026	
12	Semester Break		
	Sr. Batch	26 th Dec 2025 to 4 th Jan 2026	
	First Year Sem-1	5 th Jan to 18 th Jan 2026	
13	Declaration of Result		
	Sr. Batch	22 nd Jan 2026	
	First Year Sem-1	29 th Jan 2026	
14	Commencement of the Even Sem		
	Sr. Batch	5 th Jan 2026	Re-registration /Orientation
	First Year Sem-II	19 th Jan 2026	Re-registration /Orientation

Prof. (Dr.) Shrikant Chaudhate
Pro Vice-Chancellor
Dean Academics (I/C)

Table 2.1.1b Academic calendar for odd semester of 2024-25

AMITY UNIVERSITY MAHARASHTRA ACADEMIC ACTIVITY CALENDER ODD SEMESTER 2024-25			
Sr. No.	Activity	Date/Duration	Remarks
1	Registration/Re-registration/Orientation		
	Sr. Batch	29 July 2024	
	First Year Sem-1	06 Aug 2024	
2	Commencement of the Classes		
	Sr. Batch	30 July 2024	
	First Year Sem-1	07 Aug 2024	
3	Academic Council Meeting		Statutory Body Meeting
	Sr. Batch	25 July 2024	
4	Mid Semester Test		
	Sr. Batch	30 Sep 2024 to 7 Oct 2024	
	First Year Sem-1	14 Oct 2024 to 18 Oct 2024	
5	Parent Teacher Interaction Week		
	Sr. Batch	21 Oct 2024 to 25 Oct 2024	
	First Year Sem-1	21 Oct 2024 to 25 Oct 2024	
6	Academic Audit		
	Sr. Batch	11 Nov 2024 to 30 Nov 2024	
7	Faculty Feedback		
	Sr. Batch	29 Nov 2024 to 09 Dec 2024	
	First Year Sem-1	29 Nov 2024 to 10 Dec 2024	
8	Last Date of the Classes		
	Sr. Batch	10-Dec-2024	
	First Year Sem-1	11-Dec-2024	
9	Debarred List Compliance		
	Sr. Batch	11-Dec-2024	
	First Year Sem-1	12-Dec-2024	
10	End Sem Examination		
	Sr. Batch	12 Dec 2024 to 28 Dec 2024	
	First Year Sem-1	13 Dec 2024 to 30 Dec 2024	
11	Teaching Load Review of Schools		
	Sr. Batch	02, 03 Dec 2024	
12	Visiting Faculty Proposal Submission		
	Sr. Batch	10 Dec 2024	
13	Semester Break		
	Sr. Batch	28 Dec 2024 to 01 Jan 2025	
	First Year Sem-1	31 Dec 2024 to 01 Jan 2025	
14	Declaration of Results		
	Sr. Batch	15 Jan 2025	
	First Year Sem-1	15 Jan 2025	
15	Commencement of the Even Sem		
	Sr. Batch	02 Jan 2025	Re-registration /Orientation
	First Year Sem-II	02 Jan 2025	Re-registration /Orientation

Prof. (Dr.) Shrikant Chaudhate
Pro Vice-Chancellor
Dean Academics (I/C)

Prof. (Dr.) A.W. Santhosh Kumar
Hon'ble Vice-Chancellor

Table 2.1.1c Academic calendar for Even semester of 2024-25



AMITY UNIVERSITY MAHARASHTRA, MUMBAI

ACADEMIC ACTIVITY CALENDER: EVEN SEMESTER 2024-25

Sr. No.	Activity	Date/Duration	Remarks
1	Registration/Re-registration/ Orientation		
	Sem II, IV, VI, VIII, X	2 nd Jan-2025	Re-registration/
2	Commencement of the Classes		
	Sem II, IV, VI, VIII, X	2 nd Jan-2025	
3	Board of Studies- Meetings	3 rd to 28 th Feb 2025	Statutory Body Meetings
4	Academic Council Meeting	11 th March 2025	Statutory Body Meeting
5	Mid Semester Test		
	Sem II, IV, VI, VIII, X	17 th Mar to 21 st Mar 2025	
6	Parent-Teacher Interaction		
	Sem II, IV, VI, VIII, X	24 th Mar to 28 th Mar 2025	
7	School Academic Audit	7 th April to 17 th April 2025	
8	Faculty Feedback		
	Sem II, IV, VI, VIII, X	05 th May to 14 th May 2025	
9	Last Date of the Classes		
	Sem II, IV, VI, VIII, X	14 th May 2025	
10	Debarred List Compliance		
	Sem II, IV, VI, VIII, X	16 th May 2025	
11	End Sem Examination		
	Sem II, IV, VI, VIII, X	19 th May to 06 th Jun 2025	
12	Teaching Load Review of Schools	17 th to 18 th June 2025	
13	Visiting Faculty Proposal Submission	5 th Jul-2025	
14	Semester Break		
	Sem II, IV, VI, VIII, IX	07 th June 2025 to 20 th July 2025	Summer Internships
15	Declaration of Result		
	Sem II, IV, VI, VIII, IX	21 st Jun 2025	
16	Commencement of the Odd Sem		
	Sem III, V, VII, IX	21 st July 2025	
	Sem -I	1 st August 2025	


Prof. (Dr.) Shrikant Charhate
Pro-Vice Chancellor
Dean Academics I/C


Prof. (Dr.) A.W. Santhosh Kumar
Hon'ble Vice-Chancellor

B. Pedagogical Initiatives

Faculty members in the department prepare and upload session plans, course materials, question bank and teach students with the help of LCD projectors. Periodical group discussions on certain important topics are followed. The students also attend guest lectures from specialists in specific areas. During laboratory sessions, experiments are performed based on the practical course content.

• Blended learning

Faculty members utilize a combination of teaching tools such as whiteboards, PowerPoint presentations, and audio-visual aids to enhance the learning experience. Students are encouraged to actively interact with faculty during lectures to clarify doubts and improve understanding. Interactive methods, including the use of models and charts, are adopted to present key concepts in a structured manner. This approach integrates traditional face-to-face teaching with online learning elements, creating a flexible and engaging learning environment.

• Computer-assisted learning:

The institute is well-equipped with adequate computing resources, including computers, printers, LCD projectors, and necessary application and system software, all of which are effectively integrated into the teaching process. Students are motivated to use these facilities to develop software solutions for real-world problems. Additionally, assignments and tutorials are designed to be completed using computer-based tools, enhancing practical learning.



Figure 2.1.1 Computer-assisted learning

• Flipped Classroom

The flipped classroom approach reverses the conventional teaching model by delivering instructional content outside the classroom and utilizing in-class time for discussions, collaboration, and problem-solving activities. Students are assigned topics in advance for preparation and presentation. Classroom sessions focus on student-centered learning through interactive discussions and problem-solving exercises. This method promotes active participation, provides opportunities for personalized guidance, and helps in developing critical thinking skills while improving overall student engagement. A training session on Flipped classroom was conducted at the university to promote an interactive learning environment.



Figure 2.1.2 Flipped Classroom

INSTITUTION'S INNOVATION COUNCIL
(Member of IIRB Network)

IOAC
Internal Quality Assurance Cell
AMITY UNIVERSITY MUMBAI

4 QUALITY EDUCATION

8 SOCIAL RESPONSIBILITY AND ECONOMIC GROWTH

9 INTELLECTUAL PROPERTY AND INNOVATION

AMITY UNIVERSITY MUMBAI

HANDS - WORKSHOP ON "NEW PEDAGOGIES - FLIP CLASSROOM"

Tuesday, 1st JULY 2025

11:00 AM - 12:00 PM.

Computer Lab, Room No. 727, AI Building

CHIEF PATRON:
Dr. Asoem Chauhan,
Hon'ble Chancellor & President,
Amity University Mumbai

PATRON:
Prof. (Dr.) A.W. Santhosh Kumar,
Hon'ble Vice Chancellor,
Amity University Mumbai

EVENT COORDINATOR:
Dr. Nilesh Shrinish Wagh
ALMS - Coordinator
Amity University Mumbai

Scan the QR for the Registration Link

LINK CLOSES BY 17th JUNE 2025.

Figure 2.1.3a : New Pedagogies-Flipped Classroom workshop conducted for faculty.



Figure2.1.3 b: Glimpse of Flipped Classroom session

• Lecture method and interactive learning

The faculty use white board and audio-visual aids in teaching. Students are encouraged to interact with faculty members during the lecture hour for clarifying the doubts on the spot. Faculty uses models, charts for an interactive teaching.



Figure 2.1.4 Lecture method and interactive learning

• Pedagogical initiatives

Some additional pedagogical initiatives taken by the department in addition to traditional teaching, Lectures, assignments, power point presentation, tutorials include Learning Management System (LMS), Flipped Classroom, Case Study, Domain Lecture/Seminars/ presentations, Quizzes and Lab experiments.

In addition, to imparting knowledge, the course outcomes are developed based on cognitive aspects of Bloom's Taxonomy. The above-mentioned pedagogical activities might be different for courses such as Basic Sciences, Engineering Sciences, Humanities and Social Sciences, Program Core, Program Electives, Open Electives, Projects Work and Professional Trainings. A training session was conducted at the university to promote an interactive learning environment, address multiple levels of Blooms Taxonomy from understanding to creation.



Figure 2.1.5 Bloom's Taxonomy

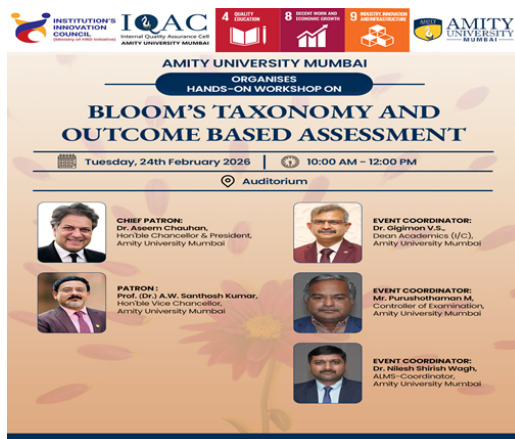


Figure 2.1.6: Workshop on Bloom's Taxonomy conducted for Faculty



Figure 2.1.7a Workshop on New Pedagogies-II: Application-Based Learning conducted for faculty



Figure 2.1.7b Glimpse of Workshop on New Pedagogies-II: Application-Based Learning

C. Methodologies to Support Slow Learners and Encourage Advance Learners

Advance and slow learners are identified based on their performance in the mid semester examination. To support the slow learners, Remedial classes are conducted. Apart from that, students undertake Guided Self Study Courses (GSSC). Advance learners are encouraged to present papers in seminars, conferences and to publish papers in journals. They are also motivated to pursue Career Abroad Program (CAP) and to write competitive exams.

To inculcate the self-learning ability, students are encouraged to become members in professional societies.

• Guidelines to Identify and Support Slow Learners.

The Department Coordinators regularly conduct meetings with subject Faculty about their student progress. They are responsible for providing comprehensive support for slow learners.

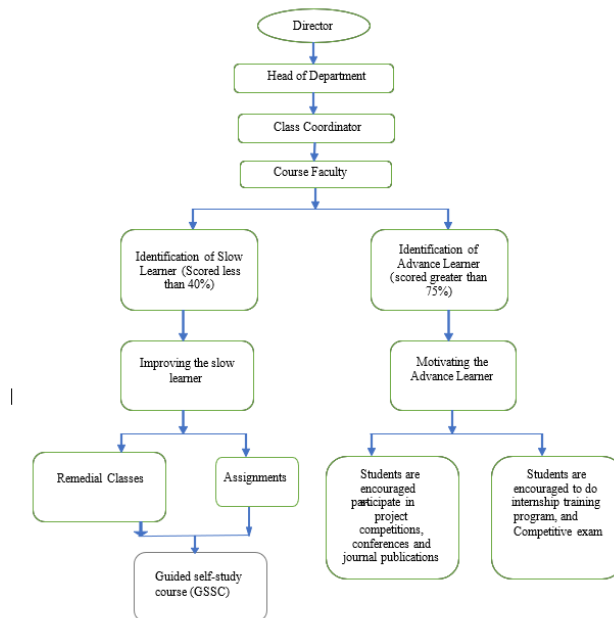


Figure 2.1.8 Processes for Encouraging Advance Learners and Assisting Slow Learners

• Criteria for categorization of slow learners:

- Class Performance

- Mid Semester Examination Marks
- Performance in assignments and tutorials

- The Course faculty enhance the performance of slow learners by arranging remedial classes are arranged towards the end of semester to boost their ESE performance.

- GSSC (Guided self-study course)

It refers to an approach where students who fail to clear end semester exam are allotted with respective course faculty to help them learn and clear the respective subject exam in the next academic year. For example, a student with arrear in even semester can clear the paper in the forthcoming even semester. Students are guided with extra lectures where faculties help the students through doubt clearing and self-study sessions. Assignments are also conducted to make sure that students are ready to appear for examination.

TABLE 2.1.2 a List of Slow learners in Theory of Automata and Computation(Sample List)

Amity School of Engineering & Technology Computer Science and Engineering

Identification of Slow Learner

Course Code: CSE2401	Course Name: Theory of Automata & Computation	Section: CSE
Semester: IV	Session: 2022-23	Course Instructor: Dr. Deepa Parasar

List of Slow Learner Based on the Marks of MTE (Less than and Equal to 12)

Sr. No.	Enrolment No	Name of the Student	Marks
1	A70405221109	Ms ROSE SHYSE	12
2	A70405221121	Ms SINGH RASHI JAGDEEP	12
3	A70405221151	Mr ASHWIN SUDE	12
4	A70405221228	Mr KSHITIJ GANESH PATIL	10
5	A70405221243	Ms JEEDNYASA D KHARPURIYA	12

TABLE 2.1.2 b List of Advanced learners in Theory of Automata and Computation(Sample List)

Amity School of Engineering & Technology Computer Science and Engineering

Identification of Advance Learner

Course Code: CSE2401	Course Name: Theory of Automata & Computation	Section: CSE
Semester: IV	Session: 2022-23	Course Instructor: Dr. Deepa Parasar

List of Advance Learner Based on the Marks of MTE (Greater than and equal to 27)

Sr. No.	Enrolment No	Name of the Student	Marks
1	A70405221034	Ms CRISTEL SUSAN SIBI	28
2	A70405221091	Mr SHUBHAM GUPTA	28
3	A70405221099	Ms ANNIE THOMAS	28
4	A70405221139	Mr DEV PRAJAPATI	28
5	A70405221182	Mr AMEY NITIN PATIL	28

TABLE 2.1.2 c Impact Analysis of Action Taken for Slow Learners

Amity School of Engineering & Technology

Computer Science and Engineering

IMPACT ANALYSIS (END SEMESTER MARKS OF SLOW LEARNERS)

Sr. No.	Enrolment No	Name of the Student	Marks
1	A70405221109	Ms ROSE SHYSE	71
2	A70405221121	Ms SINGH RASHI JAGDEEP	41
3	A70405221151	Mr ASHWIN SUDE	39
4	A70405221228	Mr KSHITIJ GANESH PATIL	35
5	A70405221243	Ms JEEDNYASA D KHARPURIYA	35

Name & Sign Course Instructor

Name & Sign HOD, CSE

Table 2.1.3a List of GSSC students during odd semester of academic year 2024-25

Amity University Mumbai
Amity School of Engineering and Technology
Department of Computer Science & Engineering

Sl. No.	Student Name	Course Code	Course Name	Faculty Allotted
1	Mr. Shubham Singh	CSE2302	Database Management Systems	Dr Dipak Raskar
2	Mr. Shubham Singh	CSE2304	Data Structures Using C	Ms Monalisa Hati
3	Mr. Hem Pathak	CSE2301	Communication & Computer Networks	Dr Garima Shukla
4	Ms. Singh Rashi Jagdeep	CSE2304	Data Structures Using C	Ms Monalisa Hati
5	Ms. Rishika Sheoran	CSE2304	Data Structures Using C	Ms Monalisa Hati
6	Ms. Shyamli Kumari	CSE2304	Data Structures Using C	Ms Monalisa Hati
7	Ms. Shyamli Kumari	DSD2303	Digital System Design	Dr Jeyavel Janardhanan
8	Ms. Unnati Amish Devaliya	CSE2502	Computer Architecture	Dr Jeyavel Janardhanan
9	Mr. Kshitij Ganesh Patil	DSD2303	Digital System Design	Dr Jeyavel Janardhanan
10	Mr. Mihir Mhatre	DSD2303	Digital System Design	Dr Jeyavel Janardhanan
11	Ms Jeednyasa D Kharpuriya	CSE2501	Software Engineering	Dr Rajiv Iyer
12	Mr. Prashant Dubey	DSD2303	Digital Logic & Computer Architecture	Dr Jeyavel Janardhanan
13	Mr. Shaikh Rayyan Khalil	AM2301	Applied Mathematics III	Mrs Shrawani Pravin Mitkari
14	Mr. Saurabh Kumar Jha	AM2301	Applied Mathematics III	Mrs Shrawani Pravin Mitkari
15	Mr. Saurabh Kumar Jha	DSD2303	Digital Logic & Computer Architecture	Dr Jeyavel Janardhanan
16	Mr. Ahirrao Bhavesh Subhash	CP2104	Computer Programming	Dr Deepika Shekhawat
17	Mr. Ahirrao Bhavesh Subhash	AM2301	Applied Mathematics Iii	Mrs Shrawani Pravin Mitkari

Table 2.1.3b List of GSSC Students during even semester of academic year 2024-25

Sl. No.	Student Name	Course Code	Course Name	Faculty Allotted
1.	Mr. Shubham Singh	AM2201	Applied mathematics- II	Dr Bandana Pai
2.	Mr. Shubham Singh	EM2204	Engineering mechanics	Mr Rajanikanth
3.	Mr. Shubham Singh	CSE2401	Theory of automata & computation	Dr Deepa Parasar

4.	Mr. Shubham Singh	CSE2404	Computer graphics	Dr Dipak Raskar
5.	Ms. Shyamli Kumari	CSE2402	Operating systems	Dr Saranya A
6.	Mr. Ahirrao Bhavesh Subhash	AM2201	Applied Mathematics- II	Dr Bandana Pai
7.	Mr. Ahirrao Bhavesh Subhash	BE2202	Basic Electrical and Electronic Engineering	Dr Rajiv Iyer
8.	Mr. Ahirrao Bhavesh Subhash	EM2204	Engineering mechanics	Mr Rajanikanth
9.	Mr. Ahirrao Bhavesh Subhash	CSE2401	Theory of automata & computation	Dr Deepa Parasar
10.	Mr. Bali Ratna Sekhar	ECE2411	Microprocessor & microcontroller	Dr Garima Shukla
11.	Mr. Vudumula Sai Likith Reddy	AM2201	Applied mathematics- II	Dr Bandana Pai
12.	Mr. Vudumula Sai Likith Reddy	CSE2401	Theory of automata & computation	Dr Deepa Parasar
13.	Mr. Aniruddha Kalanke	CSE2401	Theory of automata & computation	Dr Deepa Parasar
14.	Ms. Sawant Anjali Ashok	AM2201	Applied mathematics- II	Dr Bandana Pai
15.	Ms. Sawant Anjali Ashok	BE2202	Basic Electrical and Electronic Engineering	Dr Rajiv Iyer
16.	Ms. Sawant Anjali Ashok	EM2204	Engineering mechanics	Mr Rajanikanth
17.	Ms. Sawant Anjali Ashok	PP2203	Introduction to Basic Python Programming	Dr Saranya Pandian
18.	Ms. Sawant Anjali Ashok	CSE2401	Theory of automata & computation	Dr Deepa Parasar
19.	Ms. Sawant Anjali Ashok	ECE2411	Microprocessor & microcontroller	Dr Garima Shukla
20.	Mr. Kshitij Patil	AM2201	Applied mathematics- II	Dr Bandana Pai
21.	Mr. Kshitij Patil	CSE2401	Theory of automata & computation	Dr Deepa Parasar
22.	Mr. Kshitij Patil	CSE2403	Discrete mathematics	Mrs Shrawani Pravin Mitkari
23.	Mr. Kshitij Patil	ECE2411	Microprocessor & microcontroller	Dr Garima Shukla
24.	Mr. Tanishq Sanjay Jadhav	AM2201	Applied mathematics-II	Dr Bandana Pai
25.	Mr. Tanishq Sanjay Jadhav	EM2204	Engineering mechanics	Mr Rajanikanth
26.	Mr. Tanishq Sanjay Jadhav	CSE2401	Theory of automata & computation	Dr Deepa Parasar
27.	Mr. Tanishq Sanjay Jadhav	CSE2403	Discrete mathematics	Mrs Shrawani Pravin Mitkari
28.	Mr. Tanishq Sanjay Jadhav	ECE2411	Microprocessor & microcontroller	Dr Garima Shukla
29.	Mr. Pandit Soham Prasad	CSE2404	Computer graphics	Dr Dipak Raskar
30.	Mr. Chavhan Jay Suresh	ECE2411	Microprocessor & microcontroller	Dr Garima Shukla
31.	Mr. Talekar Alekar Aarya Ramesh	CSE2401	Theory of automata & computation	Dr Deepa Parasar
32.	Mr. Krishan Das	AM2201	Applied mathematics- II	Dr Bandana Pai
33.	Mr. Krishan Das	EM2204	Engineering mechanics	Mr Rajanikanth

Table 2.1.4a Timetable of GSSC classes conducted during odd semester of academic year 2024-25

Amity University Mumbai							
Amity School of Engineering and Technology							
Department of Computer Science & Engineering							
S.No	Course Name	Course Code	Semester	No of Students	Faculty Name	Class Date	Class Time
1	Computer Programming	CP2104	1	1	Dr Deepika Shekhawat	21-11-2024	4:00PM - 5:00PM
						22-11-2024	11:00PM - 12:00PM
						25-11-2024	11:00PM - 12:00PM

2	Data Communication & Computer Networks	CSE2301	1	Dr Garima Shukla	26-11-2024	12:00PM - 1:00PM
					21-11-2024	12:10PM - 1:00PM
					22-11-2024	11:10AM - 12:00PM
					27-11-2024	09:10AM-10:00AM
					28-11-2024	12:10PM - 01:00PM
					21-11-2024	10:00AM-11:00AM
3	Database Management Systems	CSE2302 3	17	Dr Dipak Raskar	22-11-2024	11:00AM-12:00AM
					25-11-2024	09:00AM-10:00AM
					26-11-2024	09:00AM-10:00AM
					25-11-2024	12:10PM - 1:00PM
4	Data Structures Using C	CSE2304	3	Ms Monalisa Hati	26-11-2024	03:00PM - 3:50PM
					27-11-2024	10:10AM -11:00AM
					02-12-2024	12:10PM - 1:00PM
					19-11-2024	02:00PM - 3:00PM
5	Software Engineering	CSE2501	1	Dr Rajiv Iyer	21-11-2024	10:00AM-11:00AM
					21-11-2024	12:00PM - 1:00PM
					22-11-2024	10:00AM -11:00AM
					21-11-2024	11:00AM -11:50AM
6	Computer Architecture	CSE2502	5	Dr Jeyavel Janardhanan	22-11-2024	01:00PM - 02:00PM
					25-11-2024	01:00PM -02:00PM
					26-11-2024	01:00PM -02:00PM
					21-11-2024	09:00AM-10:00AM
7	Digital Logic & Computer Architecture	DSD2303	2	Dr Jeyavel Janardhanan	22-11-2024	09:00AM-10:00AM
					25-11-2024	09:00AM-10:00AM
					26-11-2024	09:00AM-10:00AM
					21-11-2024	09:00AM-10:00AM
8	Digital System Design		3		22-11-2024	09:00AM-10:00AM
					25-11-2024	09:00AM-10:00AM
					26-11-2024	09:00AM-10:00AM
					21-11-2024	03:00PM - 3:50PM
9	Applied Mathematics -III	AM2301	33	Mrs. Shrawani Pravin Mitkari	22-11-2024	03:00PM - 3:50PM
					25-11-2024	04:00PM - 4:50PM
					26-11-2024	04:00PM - 4:50PM

Table 2.1.4b Timetable of GSSC classes conducted during even semester of academic year 2024-25

Course Name	Course Name	No. of Students	Course Name	Course Name	Course Name
Applied Mathematics-II	AM2201	07	Dr. Bandana Pai	28-04-2025	10:00AM-11:00AM
				29-04-2025	10:00AM - 11:00AM
				30-04-2025	10:00AM - 11:00AM
				02-05-2025	10:00AM - 11:00AM
Basic Electrical and Electronic Engineering	BE2202	02	Dr Rajiv Iyer	25-04-2025	10:00AM - 11:00AM
				25-04-2025	11:00AM - 12:00PM
				26-04-2025	10:00AM - 11:00AM
				26-04-2025	11:00AM - 12:00PM
Theory Of Automata & Computation	CSE2401	08	Dr Deepa Parasar	22-04-2025	03:00PM - 04:00PM
				23-04-2025	03:00PM - 04:00PM
				24-04-2025	03:00PM - 04:00PM
				28-04-2025	03:00PM - 04:00PM
Operating Systems	CSE2402	01	Dr Saranya A	28-04-2025	11:10AM - 12:00PM
				29-04-2025	02:00PM - 2:50PM
				30-04-2025	09:10AM - 10:00AM
				30-04-2025	12:10PM - 1:00PM
Discrete Mathematics	CSE2403	02	Mrs Shrawani Pravin Mulkari	28-04-2025	10:00AM - 11:00AM
				28-04-2025	09:00AM - 10:00PM
				29-04-2025	11:00AM - 12:00AM
				30-04-2025	09:00AM - 10:00AM

Table 2.1.5 Action taken to identify Advance learners

Identification criteria	Actions taken
Students securing ranks at university level	Rank holders are awarded gold, silver and bronze medals during convocation
Students secured more than 75%	Motivate them to participate in conferences, workshops, and symposiums. Also encourage them to publish technical papers in conferences and reputed journals.

Table 2.1.6: List of advanced learners awarded with scholarships

Amity University Maharashtra Amity School of Engineering and Technology List of Students Scholarship Granted Batch 2021-25									
S. No	Enrollment No.	Student's Name	2024		2023		2022		2021
			Percentage	Amount	Percentage	Amount	Percentage	Amount	Amount
1.	A70405221076	Ms Ashokvarya Raj	30%	81600	30%	77700	30%	73800	-
2.	A70405221091	Mr Shubham Gupta	50%	136000	50%	129500	50%	123000	100%
3.	A70405221055	Ms Khushi P Bhasat	-	-	-	-	-	-	-
4.	A70405221142	Mr Soham Rahul Javalekar	50%	136000	50%	129500	50%	123000	50%
5.	A70405221139	Mr Dev Pranjapati	25%	68000	25%	64750	25%	61500	25%
6.	A70405221034	Ms Crystal Susan Shih	50%	136000	50%	129500	50%	123000	100%
7.	A70405221189	Mr Harshit Santosh Singh	50%	136000	50%	129500	50%	123000	100%
8.	A70405221099	Ms Annis Thomas	50%	136000	50%	129500	50%	123000	100%
9.	A70405221097	Mr Lekshaj Hitesdra Sotawani	50%	136000	25%	64750	50%	123000	50%
10.	A70405221063	Mr Pratik Warathe	-	-	-	-	-	-	25%
11.	A70405221096	Ms Ruma Kapuganti	-	-	-	-	25%	61500	25%
12.	A70405221011	Ms Anshita Mendonca	50%	136000	25%	64750	50%	123000	100%
13.	A70405221144	Mr Dylan Moraes	25%	68000	25%	64750	25%	61500	25%
14.	A70405221145	Mr Daksh Oza	50%	136000	50%	129500	100%	1246000	100%
15.	A70405221188	Mr Amar Kumar Singh	50%	136000	50%	129500	50%	123000	100%
16.	A70405221141	Ms Sheth Mili Dinkabhai	25%	68000	-	-	25%	61500	25%
17.	A70405221108	Mr Vijaynandhapali Sagarasuravara	25%	68000	50%	129500	50%	123000	100%
18.	A70405221173	Mr Jha Siddharth Bhartendu	25%	68000	25%	64750	50%	123000	100%
19.	A70405221207	Mr Vivek Vijayan Pillai	-	-	-	-	-	-	50%
20.	A70405221037	Mr Vinod Tiwari	-	-	25%	64750	25%	61500	100%
21.	A70405221053	Mr Yashant Chaudhari	-	-	-	-	-	-	25%
22.	A70405221211	Mr Sureshank Agarwal	-	-	50%	129500	50%	123000	100%
23.	A70405221182	Mr Anurag Nitin Patel	-	-	25%	64750	25%	61500	100%
24.	A70405221220	Mr Aditya Mishra	-	-	-	-	-	-	25%
25.	A70405221029	Mr Tanush Garg	-	-	-	-	50%	123000	100%
26.	A70405221066	Mr Balaade Sameer Ramesh	-	-	-	-	25%	61500	25%
27.	A70405221045	Ms Gaudhari Girish Ghodas	-	-	-	-	25%	61500	25%
28.	A70405221157	Mr Khushi Anup Shah	-	-	-	-	-	-	25%
29.	A70405221210	Mr Sankar Srinaya	-	-	-	-	-	-	50%
30.	A70405221204	Mr Arya Baccuvar	-	-	-	-	-	-	25%
31.	A70405221171	Mr Devansh Singh Jaiswal	-	-	-	-	-	-	50%

32	A70405221075	Mr Rishabh Jain	-	-	-	-	-	25%	58500	
33	A70405221033	Mr Tanishq Sanjay Suprasannabi	-	-	-	-	25%	61500	50%	117000
34	A70405221140	Mr Ajay Patel	-	-	30%	77700	30%	73800	-	-
35	A70405221109	Mr Rose Shyam	-	-	-	-	-	25%	58500	
36	A70405221104	Mr Baburao Moharad Danish Sauri	-	-	-	-	25%	61500	25%	58500
37	A70405221119	Mr Yash Chouksey	-	-	-	-	-	25%	58500	
38	A70405221195	Ms Sanyu Vinod Jastradi	-	-	-	-	-	50%	117000	
39	A70405221047	Mr Raghu Sohan Chetan	-	-	-	-	-	25%	58500	
40	A70405221200	Mr Kiran Dhruoja	-	-	-	-	-	100%	234000	
41	A70405221081	Mr Sanjay Balu Pise	-	-	-	-	-	50%	117000	
42	A70405221035	Mr David Faith Andrews	-	-	-	-	-	25%	58500	
43	A70405221166	Ms Chhaya R	-	-	-	-	-	25%	58500	
44	A70405221038	Mr Hrush Babush Karnik	-	-	-	-	-	25%	58500	
45	A70405221147	Mr Dhruv Mahesh Bhandari	-	-	-	-	-	25%	58500	
46	A70405221169	Mr Aryan Pooja	-	-	-	-	-	25%	58500	
47	A70405221176	Ms Samika Dayaneshwar Nyabharke	-	-	-	-	-	50%	117000	
48	A70405221162	Ms Paridala Sreya	-	-	-	-	-	50%	117000	
49	A70405221148	Mr Dhruvraj Joshi	-	-	-	-	-	100%	234000	
50	A70405221151	Mr Ashwin Sude	-	-	-	-	-	100%	234000	
51	A70405221217	Ms Urvashi Amish Datalga	-	-	-	-	-	25%	58500	
52	A70405221137	Ms Rishika Sheoran	-	-	-	-	-	25%	58500	
53	A70405221121	Ms Singh Rashi Jaisam	-	-	-	-	-	25%	58500	
54	A70405221065	Mr Ham Pathak	-	-	-	-	-	50%	117000	
55	A70405221101	Mr Suraj Bhounick	-	-	-	-	-	25%	58500	

Table 2.1.7: List of advanced learners who received various awards for their excellence in curriculum

No	Name of Student	Award	Batch
1	Ms Aishwarya Raj	Gold medal	2021-25
2	Mr Shubham Gupta	Gold medal	2021-25
3	Mr Soham Rahul Jayakar	Silver medal	2021-25
4	Mr Dev Prajapati	Bronze medal	2021-25
5	Mr Ishaan Sunita Pandita	Gold, Dr Ashok K Chauhan Scholarship Award	2020-24
6	Mr Desai Varunkumar Rajubhai	Silver	2020-24
7	Ms Narayani Kishor Khatavkar	Bronze	2020-24

• Advance learners support strategy

- Course faculty encourage advance learners to sharpen their technical skills.
- Scholarship to students based on academic performance.
- To attend conferences, seminars/workshops and publish papers in refereed journals.
- To encourage student exchange Program at Foreign Universities in a semester.
- Encourage to take-up Higher Studies.

○ Activities for advance learners.

Course faculty actively encourage advanced learners by providing challenging assignments, research opportunities, and exposure to emerging technologies. They guide students to participate in competitions, publications, and innovation-driven projects. Continuous feedback and personalized mentoring help in enhancing critical thinking and problem-solving skills. This approach nurtures leadership qualities and promotes excellence among high-performing students.



Figure 2.1.9 Students participated in National-level Quiz competition.

Our students Mr. Gaurav Bhanot, Mr. Ishan Pandita, Mr. Shubham Pawar and Ms. Aishwarya Fungeskar students of Amity School of Engineering & Technology, Semester V, B. Tech Computer Science and Engineering won FIRST Prize in SUNHACKS 2022 – 36-hour International Hackathon organized by , Sandip University, Nashik on 10th to 12th November 2022. Winners received a Cash Prize of Rs 50,00 along with trophy and certificates.



Figure 2.1.10: First prize in SUNHACKS 2022 International Hackathon event.



Figure 2.1.11 : 24 hour "Nirman" hackathon conducted on 2nd and 3rd May 2024.

EVENT PHOTOS & OUTCOME

Seminar on "Cyber Security in Everyone's Life"

The seminar enhanced awareness about the importance of cyber security in daily life and safe digital practices.

Date: 19th September 2024

Seminar on "Entrepreneurship and Job Opportunities in Environmental Management"

The seminar highlighted the scope of entrepreneurship and career prospects in environmental management. It motivated participants to explore sustainable solutions and innovative business opportunities in the field.

Date: 25th September 2024

Figure 2.1.12 Seminar on Cybersecurity and Entrepreneurship conducted during Academic year 2024-25

- Scholarship to students based on academic performance.
- On Admission Merit-Scholarship

The Grant of scholarship at the time of admissions will be governed by the rules of admission as followed by the Admission Department and as amended from time to time. These Guidelines may vary for each Academic Session and guidelines followed for grant of Scholarship during admissions for current academic year are as given below:

Table 2.1.8: Criteria for Scholarship during admission

S. No	Scholarship Percentage (%)	10+2 in Percentage (%)
1	100%	93%
2	50%	88%
3	25%	75%

Rule and regulations for Grant of Continuation Scholarship

- Students securing 1st rank would be eligible for scholarship ie. 100%, subject to a condition that CGPA score is 9.3 and above.
- Student securing 1st or 2nd rank would be eligible for scholarship ie 50% subject to a condition that CGPA score is 8.8 and above.
- Student securing 1st rank, 2nd rank or 3rd rank would be eligible for scholarship ie 25% subject to a condition that CGPA score is 8.5 and above.
- 100% Merit Scholarship will be named as 'Dr. Ashok K. Chauhan Scholarship

Table 2.1.9: List of students attended conferences, seminars/workshops and publish papers in refereed journals.

Amity University Mumbai Amity School of Engineering and Technology Department of Computer Science & Engineering Even Semester 2024-25				
S. No	Name of the Student	A.Y.	Year of Publication	Name of the Journal/ Conference/Book Chapter etc.
1	Vaidehi Mahmia, Rushabh Subhash Dorage	2022-26	2024	Fuzzy Systems and Soft Computing
2	Hindh K Nasar	2022-26	2024	Journal of Nonlinear Analysis and Optimization
3	Ayisha Raina	2022-26	2024	High Technology Letters
4	Aishwarya Sandeep Funaguskar	2021-25	2024	Hinweis Third International Conference on Advances in Software Engineering and Information Technology (ASIT)
5	Shubham Gupta	2024-25	2024	Advanced Forensic Analysis of Web-based Social Messaging Platform," MNIT Jaipur SoC, CTA 2024
6	Dhruv, Amin	2022-26	2024	Student paper titled "Role of IoT in Healthcare 5.0 Student"
7	Hindh K Nasar, Abhinav V, Harshita Joshi	2022-26	2024	Industrial Engineering Journal
8	Hindh K Nasar, Abhinav V, Ayesthaa S, Sourabh Kumar Singh, Ayisha Raina, Muhammed Bisher	2022-26	2024	Library Progress International Journal
9	Vaidehi Mahmia, Saunved Ghansham Giri, Rushabh Subhash Dorage	2022-26	2024	Fuzzy Systems and Soft Computing
10	Hritik Jaiswal, Ridhwan Yakooob	2022-26	2024	IEEE ICTBIG 2024, Symbiosis, University if Applied Sciences, Indore
11	Soham, Yogesh Bagul, Siddharth, Ganesh Deyar, Amandeep Singh Channa, Shubham Kumar Suran	2021-25	2024	4th Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2024)
12	Vanshaj Awasthi	2022-26	2024	4th Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2024)

13	Shubham Gupta, Nikhil Prajapat & Preeti Narooka	2021-25	2024	Soft Computing: Theories and Applications
14	Shweta Pillai, Rochelle Maria Anthony	2020-24	2024	IEEE ICTBIG 2024, Symbiosis, University if Applied Sciences, Indore
15	Vanshaj Awasthi	2024-25	2024	IEEE 4th International Conference on Advancement in Electronics & Communication Engineering (AECE)
16	Vanshaj Awasthi	2024-26	2024	IEEE 3rd International Conference on Modelling, Simulation, and Intelligent Computing (MoSICom - 2024)
17	Amandeep Singh Channa	2021-25	2024	The 15th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT-2024)
18	Hritik Jaiswal, Sarak Kalin, Jaubava Upgovei	2020-24	2024	2024 IEEE 4th International Conference on ICT in Business, Industry & Government (ICTBIG)
19	Vedang Vaidya, Shweta Pillai, Rochelle Maria Anthony, Shreshth Rane	2020-24	2024	2024 IEEE 4th International Conference on ICT in Business, Industry & Government (ICTBIG)
20	Shubham Gupta	2021-25	2024	Lecture Notes in Networks and Systems (LNNS, volume 1048))
21	Ishveen Sahi, Shivangi Jain & Arjun Thampuran	2020-24	2024	Algorithms for Intelligent Systems. Springer, Singapore
22	Khushi Bhagat, Vedant Chaudhari	2021-25	2024	2024 4th International conference on Advanced Computing and Intelligent Technologies (ICACIT 2024)
23	Vanshaj Awasthi, Sakshi Nipane	2022-26	2024	2024 4th International conference on Advanced Computing and Intelligent Technologies (ICACIT 2024)
24	Ujjwal Tiwari	2025-26	2025	International Conference on Advancing Technology in Engineering and Science (ICATES 2025)
25	Runa Kapuganti	2025-26	2025	International Conference on Computational Methods in Science & Technology (ICCMST) 2025

• Students exchange Program at Foreign Universities.

The Study Abroad Programme (SAP) offered for a semester plays a pivotal role in providing students across various disciplines with valuable global exposure. This revamped program offers Amity students a unique experiential learning opportunity on an international scale. SAP ensures students gain practical insights into foreign cultures, industries, and economic landscapes. Students get a chance to engage with international faculty and work on specialized projects, receiving expert guidance throughout. During November 2024, 11 students from Amity School of Engineering and Technology opted for this program, out of which one student from 2021-25 batch participated in it. SAP Dubai NOV 2024 lasted for 33 days starting from the 11th of November 2024 till 13th December 2024.

Table 2.1.10 List of Students Travelling for NOV SAP 2024 Dubai

Amity University Mumbai					
Amity School of Engineering and Technology					
List of Students Travelling for NOV SAP 2024 Dubai					
Sr no.	First Name	Last Name	Gender	Enrollment No	Programme Semester
1	Aum	Patel	MALE	A70405221140	B.Tech CSE 7th



Figure 2.1.13: Students who participated in the Study Abroad program

Table 2.1.11 List of students pursuing Higher Studies

S. No	Name of Student	University	Batch
1.	Ms. Gandhary Girish Ghodga	University of New South Wales, Sydney	2021-25
2.	Ms. Rose Shyze	Keele University, Staffordshire	2021-25
3.	Mr. Harsh Hari	University of Illinois, Urbana-Champaign	2020-24
4.	Mr. Srihari N Narayan	University of Maryland, Baltimore county	2020-24
5.	Mr. Athuru Venkata Shanmukh Reddy	Stony Brook University	2020-24
6.	Mr. Faizan Mohd Kamran Nabi	University of Saarland	2020-24
7.	Mr. Hritik Jaiswal	University College London	2020-24
8.	Mr. Meet Kailash Mali	University of Illinois, Urbana-Champaign	2020-24
9.	Ms. Ayushi Patel	University of Maryland, Baltimore county	2020-24
10.	Mr. Nikun Kabuti Sharad	University of Windsor	2020-24
11.	Ms. Upponi Janhavi Abhureet	University of Southampton	2020-24

o



Figure 2.1.14: Project and Poster competition conducted on 26th September 2024



Figure 2.1.15: Project and Poster competition conducted on 26th September 2024



Figure 2.1.16 Internal Smart India Hackathon conducted on 26th September 2024



Figure 2.1.17: Students presenting their Hackathon ideas to Hon'ble Vice-Chancellor sir

D. Quality of Classroom Teaching

The course faculty emphasize the design of well-structured lesson plans that incorporate clear learning objectives, engaging instructional activities, and appropriate assessment strategies. Each session begins with a revision of previously covered topics, during which student doubts are addressed to ensure conceptual clarity and continuity. Following this, regular instruction is carried out in a systematic manner. The overall approach fosters an effective learning environment that promotes active student engagement, deeper understanding, and academic success.

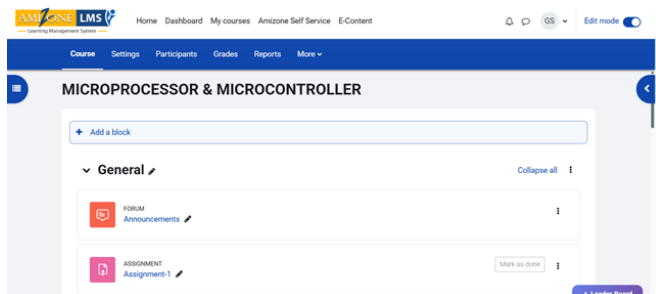


Fig:2.1.18a Dashboard of Learning Management System

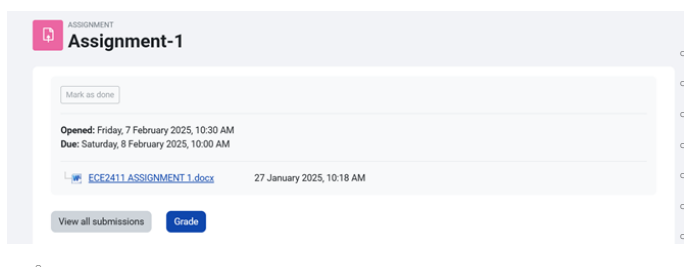


Fig:2.1.18b Dashboard of Learning Management System- Assignment and Study Material

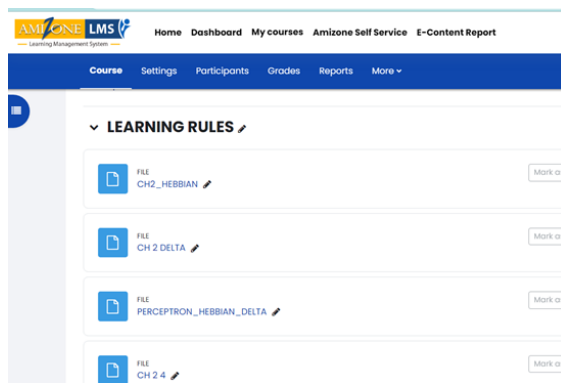


Fig:2.1.18c Dashboard of Learning Management System- Assignment and Study Material

E. Conduct of Experiments

- The students are provided with a list of experiments (as per the syllabus) in the Learning Management System and an overview of the laboratory and the software/ hardware used is given.
- The description of the experiment to be performed is briefed at the beginning of the session.
- Every student is required to carry out the experiments.
- After completion of each experiment the student interprets the results which help them in understanding the outcome of the experiment.
- All laboratories are well equipped with advanced software.

Table 2.1.12: Evaluation criteria for Lab Programs/Experiments

S.No	Enrolment No.	Name	Practical Record(15)	Assignment(10)	Total(25)

Semester - III						
-----------------------	--	--	--	--	--	--

Course Code	Course Name	Total Credits
DBM2304N	Database Management System Lab	01

Contact Hours			Credits Assigned			
Theory	Practical	Tutorial	Theory	Practical	Tutorial	Total
-	02	-	-	02	-	01

	Theory					Term Work / Practical/Oral			
Internal Assessment				End Sem Exam	Duration Of End Sem Exam	Term Work	Pract.	Oral	Total
Test	Continuous Evaluation	Attendance	Total Internal						
-	-	-	-	-	-	30	40	30	100

Course Objectives									
- Students will be able to design and draw ER and EER diagram for the real-life Situation. - Students will be able to create and update data base and tables with different DDL and DML Statements. - Students will be able to apply /add integrity constraints and be able to provide security to data. - Students will be able to implement and execute Complex queries. - Students will be able to implement triggers and procedures. - Students will be able to implement PL/SQL.									

Course Outcomes									
- Design and implement relational database schemas using ER modeling. - Develop SQL queries to retrieve, manipulate, and manage data efficiently. - Apply normalization techniques to refine database structures and eliminate redundancy. - Implement transaction management and concurrency control for database integrity. - Work with database administration tasks such as backup, recovery, and user management. - Utilize database tools and technologies to develop real-world database applications.									

Detailed Syllabus			
Expt. No.	Name of the Experiment	Hours	Marks Weightage
1	Database Design	02	100
2	Data Definition (SQL)	02	
3	Data Retrieval (SQL)	02	
4	Data Modification (SQL)	02	
5	Integrity Constraints	02	
6	Nested Queries and Complex Queries	02	
7	JOIN Operations	02	
8	Functions and Procedure	02	
9	Views and Triggers	02	
10	PL/SQL	02	
11	Mini Project- Database management system applications using JDBC	02	
Total		22	
Recommended Books			

- G. K. Gupta —Database Management SystemsI, McGraw–Hill.
- Korth, Silberchatz, Sudarshan, Database System Concepts, 6th Edition.
- Elmasri and Navathe, —Fundamentals of Database SystemsI, 5th Edition, Pearson education. McGraw – Hill
- Peter Rob and Carlos Coronel, Database Systems Design, Implementation and Management, Thomson Learning, 5th Edition.

Figure 2.1.19: Sample Lab Experiment list from Syllabus

F. Continuous Assessment in laboratory

The lab record is evaluated by the faculty upon completion of each experiment. Additionally, students are required to submit their lab records before the commencement of the subsequent practical session. Each experiment is assessed systematically, and appropriate marks are awarded based on the performance, viva performance and record submission. Model practical examination and semester end practical examination are conducted to evaluate the course outcomes.

G. Student feedback of Subjects taught, and Actions taken

Student feedback is collected, summarized, and used to calculate weighted scores for each parameter. Parameters with scores below the average are pinpointed as areas needing corrective action. The students access the feedback portal by using their login. The summarized data of the faculty is accessible to the Director of the school to take necessary action.


AMITY UNIVERSITY MUMBAI
Established vide Maharashtra Act No. 13 of 2014, of Government of Maharashtra, and recognized under Section 23B of UGC Act 1956
AMITY SCHOOL OF ENGINEERING & TECHNOLOGY
AND
AMITY INSTITUTE OF TECHNOLOGY

OFFLINE COURSE FEEDBACK FORM
Instructions: Please tick (✓) the appropriate box for each parameter. Each section carries a maximum of 20 marks.

Section A: Course & Faculty Details

Course Title: _____

Course Code: _____

Faculty Name: _____

Type of Course: Theory ☐ Lab ☐ Both ☐

Section B: Course Content (Max Marks: 20)

Sr.No	Feedback Parameter	Excellent (16-20)	Very Good (11-15)	Good (6-10)	Fair (3-5)	Poor (0)
1	Clarity of syllabus and objectives	☐	☐	☐	☐	☐
2	Depth and coverage of topics	☐	☐	☐	☐	☐
3	Relevance to program	☐	☐	☐	☐	☐
4	Availability of learning resources	☐	☐	☐	☐	☐

Marks Awarded: _____ / 20

Section C: Course Delivery (Max Marks: 20)

Sr.No	Feedback Parameter	Excellent (16-20)	Very Good (11-15)	Good (6-10)	Fair (3-5)	Poor (0)
5	Clarity of explanation	☐	☐	☐	☐	☐
6	Effectiveness of teaching methods	☐	☐	☐	☐	☐
7	Use of teaching aids	☐	☐	☐	☐	☐
8	Student engagement & interaction	☐	☐	☐	☐	☐

Marks Awarded: _____ / 20

Section D: Field Connectivity & Relevance (Max Marks: 20)

Sr. No	Feedback Parameter	Excellent (16-20)	Very Good (11-15)	Good (6-10)	Fair (3-5)	Poor (0)
9	Industry relevance of course	☐	☐	☐	☐	☐
10	Use of real-life examples/case studies	☐	☐	☐	☐	☐
11	Practical application orientation	☐	☐	☐	☐	☐
12	Contributions to employability skills	☐	☐	☐	☐	☐

Marks Awarded: _____ / 20

Section E: Continuous Evaluation (Max Marks: 20)

Sr.No	Feedback Parameter	Excellent (16-20)	Very Good (11-15)	Good (6-10)	Fair (3-5)	Poor (0)
13	Regularity of tests/assignments	☐	☐	☐	☐	☐
14	Fairness of evaluation	☐	☐	☐	☐	☐
15	Timely feedback on performance	☐	☐	☐	☐	☐
16	Transparency in assessment	☐	☐	☐	☐	☐

Marks Awarded: _____ / 20

Section F: Personality & Behavior of Faculty (Max Marks: 20)

Sr.No	Feedback Parameter	Excellent (16-20)	Very Good (11-15)	Good (6-10)	Fair (3-5)	Poor (0)
17	Communication skills	☐	☐	☐	☐	☐
18	Approachability & mentoring	☐	☐	☐	☐	☐
19	Professional conduct	☐	☐	☐	☐	☐
20	Motivation provided to students	☐	☐	☐	☐	☐

Marks Awarded: _____ / 20

Section H: Total Score

Total Marks (Out of 100): _____

Section I: Suggestions / Comments

Additional Comments:

.....

.....

Signature of Student: _____ Date: _____

Fig:2.1.20 Student Feedback Form

H. Quality of Semester end examination, mid semester question papers, assignments, and evaluation

(Mention the initiatives, implementation details and analysis of learning levels related to quality of semester tests, assignments and evaluation)

Process for Mid-semester and End Semester examination question paper setting and evaluation and effective process implementation

In a semester, as part of continuous assessment, mid-semester examination is conducted in adherence to the academic calendar. The Examination is conducted for a maximum of 30 marks, and the duration of the examination is 1/1.5 hrs. For each examination, Question papers are framed based on Bloom's Taxonomy and course outcome.

Table 2.1.13a Examination Calendar even semester 2025-2026

Sr. No.	Activity	Starts for Semester Exams	Starts for First Year
1	Submission of verified & approved course configuration COE office (Course Name, Credits, Type etc. for each Programme - As per Amzone date)	5th March 2026	5th March 2026
2	GSSC/AMPO back papers Registration	6th to 20th March 2026	6th to 20th March 2026
3	Mid Sem Examinations	6th to 13th March 2026	23rd to 27th March 2026
4	Submission of details of Panel of External Examiner and Budget to each school/institute	13th March 2026	13th March 2026
5	Submission of verified & approved Timetable of End Semester Examination (Theory)	6th April 2026	6th April 2026
6	Submission of 3 sets of ESE question papers to CoE (Soft copy)	6th April 2026	13th April 2026
7	Declaration of practical Exam and End Sem theory exam schedule	13th April 2026	13th April 2026
8	Submission of Internal End Semester Examination (Practical)	23rd April 2026	23rd April 2026
9	Training Session by COE for all Examination Coordinators on conduct, invigilation and evaluation	26th April 2026	26th April 2026
10	Training Session by COE for all faculty members regarding conduct of end semester examinations	6th May 2026	6th May 2026
11	Training Session on Examination rules by Exam Coordinator/HODs/Students at Respective Schools	12th to 13th May 2026	2nd to 4th June 2026
12	Application for Exam Admit Card online (through Amzone and Faculty feedback submission)	4th to 15th May 2026	25th May to 5th June 2026
13	Last instructional Day	15th May 2026	5th June 2026
14	Approval of Admit Cards by HOD (through Amzone)	15th May 2026	6th June 2026
15	Issuing Admit Cards to students	15th May 2026	6th June 2026
16	Conduct of End Semester Exams (Viva/Practical)	6th to 23rd May 2026	6th to 16th June 2026
17	Last date to upload internal marks by faculty on Amzone	20th May 2026	10th June 2026
18	Conduct of End Semester Exams (Theory)	23rd May to 12th June 2026	13th to 25th June 2026
19	Last date to upload external marks by faculty on Amzone	23rd May 2026	13th June 2026
20	Last date for Answer Books Evaluation by faculty	16th June 2026	20th June 2026
21	Joint Moderation Committee Meeting	20th June 2026	20th June 2026
22	Result Moderation committee meeting	26th June 2026	6th July 2026
23	Compilation & Approval of Results	26th June 2026	6th July 2026
24	Date of Declaration of Results	27th June 2026	10th July 2026

Dr. A. W. Senthil Kumar
Vice-Chancellor

Prof. Dr. A.W.Senthil Kumar
Vice-Chancellor
Amity University, Mumbai,
Maharashtra - 411016

Table 2.1.13b Examination Calendar Odd semester 2025-2026

Sr. No.	Activity	Starts for Sem II, V, VII, IX	Starts for Sem I
1	Submission of verified & approved course configuration to COE office	08-09-2025	26-09-2025
2	Submission of Panel of External Examiner and Budget by each school/institute	15-09-2025	15-09-2025
3	Mid Sem Examinations	22-09-2025 to 25-09-2025	10-10-2025 to 15-10-2025
4	Odd sem GSSC Registration	01-10-2025 to 15-10-2025	01-10-2025 to 15-10-2025
5	Training Session by COE for all Examination Coordinators on conduct, invigilation and evaluation	08-10-2025	08-10-2025
6	Submission and upload of verified & approved Timetable of End Semester Examination (Theory) on Amzone	28-10-2025	11-11-2025
7	Declaration of Theory and Practical End Semester Examination Schedules	04-11-2025	11-11-2025
8	Submission of 03 sets of ESE question papers to CoE office	06-11-2025	13-11-2025
9	Training Session by COE for all faculty members regarding conduct of end semester examinations	26-11-2025	26-11-2025
10	Training Session by exam coordinator for all students of respective schools on examination rules	28-11-2025	05-12-2025
11	Application for Exam Admit Card online (through Amzone and faculty feedback submission)	17-11-2025 to 28-11-2025	01-12-2025 to 12-12-2025
12	Last Instructional Day & Debarred list Compliance	02-12-2025	16-12-2025
13	Approval (through Amzone) & Issuing of Admit Cards by HOD	03-12-2025	17-12-2025
14	Conduct of End Semester Exams (Viva/Practical)	04-12-2025 to 05-12-2025	18-12-2025 to 19-12-2025
15	Conduct of End Semester Exams (Theory)	06-12-2025 to 24-12-2025	22-12-2025 to 08-01-2026
16	Last date to upload internal marks by faculty on Amzone	08-12-2025	22-12-2025
17	Last date to upload external marks by faculty on Amzone	12-12-2025	24-12-2025
18	Last date for Answer Books Evaluation by faculty members	31-12-2025	14-01-2026
19	Unfair Means Committee Meeting	03-01-2026	15-01-2026
20	Result Moderation committee meeting	06-01-2026	22-01-2026
21	Compilation & Approval of Results	08-01-2026	23-01-2026
22	Date of Declaration of Results	22-01-2026	29-01-2026

Dr. A. W. Senthil Kumar
Vice-Chancellor

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Maharashtra - 411016

The Question paper setting process is explained in the flowchart given below. The course faculty is expected to prepare the question paper as per the Course outcome and the weightage given to the module in terms of teaching hours.

A Moderation Committee comprising of Department Coordinator and senior faculty members assess the quality of the question papers (in compliance of COs) submitted by the individual Course faculty.

The question paper that adheres to the guidelines is accepted and proceeded for printing or if otherwise, sent for revision.

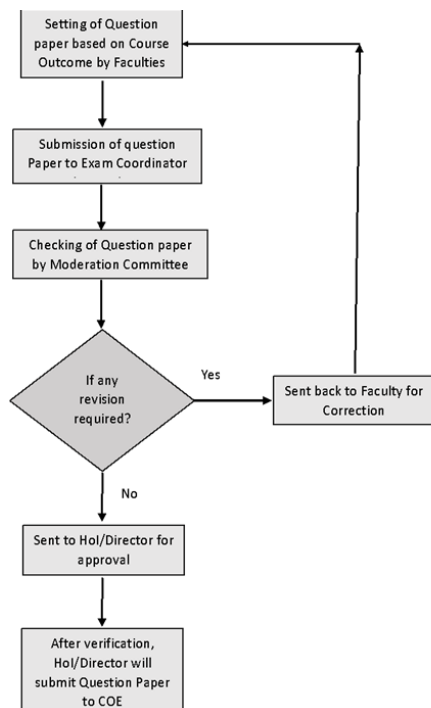


Figure 2.1.21 Process of setting End Semester Question paper.

I. Process to ensure questions from outcomes/learning levels perspective

Question papers are set in a way to attain the course outcomes and

The Moderation committee will assess the quality and relevance of the question papers based on its syllabus coverage, marks allotment and compliance with the prescribed percentage distribution of the course outcomes.

J. Evidence of COs coverage in class test / mid-term tests

The questions in the question paper are mapped with the course outcomes, and it will be evaluated by the Moderation committee.

AMITY UNIVERSITY MUMBAI		
School Name Amity School of Engineering and Technology (ASET)		
Mid Semester Examination, Sept / Oct 2025		
Program and Semester: B.Tech Computer Science and Engineering (CSE) & VII		
Course name: Natural Language Processing		
Course code: AIML2703		
Date:		Duration:
		Maximum Marks [M]: 30
Note:	• All sections (A and B) are compulsory.	
	• Wherever necessary, the diagram drawn should be neat and properly labeled	
COs and Blooms Taxonomy levels for which students will be assessed		
Section A	Answer the following in brief [Any four]	[4 x 5M=20M]
1. 1	What is the difference between syntax level and semantic level in NLP?	CO1 (L1)
1. 2	Compare Inflectional and Derivational Morphology.	CO1 (L2)
1. 3	State one difference between NLP and traditional text processing.	CO2 (L2)
1. 4	What is the role of a language model in NLP? Define N-gram in the context of language modelling.	CO1 (L1)
1.	With the help of conceptual diagrams and example, explain different levels in nlp.	CO2 (L2)
Section B	Answer the following in detail [Attempt Anyone]	[1X 10 M = 10M]
1. 5	Explain how morphological analysis, language models, and POS tagging together contribute to building modern NLP applications like speech recognition, machine translation, and chatbots.	CO2 (L2)
1. 6	Find Finite Automata Tuple set for following example cdabbb+?	CO2 (L3)

Figure 2.1.22a Sample Mid-Semester Question Paper

School / Institute: ASET
Semester:- VII
Course Code – CCCS2601
Date: -

Program: CCCS/DS
End Semester Examination – Dec 2024
Course Title: Introduction to Cloud Computing
Duration: -3 hours
Total: - 70 marks

SECTION: A**(20 Marks- Attempt Any Four Questions)**

Questions	Marks	CO & BT Level
Q.1 Compare and contrast the features of Distributed computing, Cluster computing and Grid Computing.	5 Marks	CO1 & BT4
Q.2 Explain the working of hypervisors and their role in virtualization	5 Marks	CO2 & BT2
Q.3 Illustrate the working of Cloud Architecture design	5 Marks	CO3 & BT2
Q.4 Identify the modifications needed for Identity and Access Management in Cloud environment.	5 Marks	CO4 & BT3
Q.5 What are the advantages and disadvantages of Cloud Computing and evaluate the benefits and risks in Cloud Computing?	5 Marks	CO5 & BT5

SECTION: B**(20 Marks - Attempt Any two Questions)**

Questions	Marks	CO & BT Level
Q.6 Discuss the various resource provisioning methods	10 Marks	CO3 & BT6
Q.7 Distinguish the salient features of Storage Virtualization, Network Virtualization, Memory Virtualization.	10 Marks	CO2 & BT5
Q.8 Evaluate the various Cloud security challenges.	10 Marks	CO4 & BT5

SECTION: C**(30 Marks – Attempt Any two Questions)**

Questions	Marks	CO & BT Level
Q.9 Outline the features of Cloud Deployment and service models in detail.	15 Marks	CO3 & BT2
Q.10 Discuss the salient features of SAML and SSO implementation and present a combined model for cloud security.	15 Marks	CO4 & BT6
Q.11 Enumerate Cloud security governance and standards.	15 Marks	CO6 & BT1/ 4

Figure 2.1.22 b Sample End- Semester Question Paper**K. Quality of Assignment and its relevance to COs**

To promote self-learning , assignment are given to students.

The Course faculty assess the quality of the assignment questions while considering constraints such as the potential to utilize multiple resources for information gathering, addressing contemporary technology, and fostering a self-learning attitude.

		SESSION-2024-25
Assignment-1		SEM-3 rd (ODD)
B.Tech Computer Science Engineering		Subject Code: CSE2302
Submitted to: Dr. Garima Shukla		
S. No	Question	CO
1	Describe how view serializability is related to conflict serializability.	CO3
2	What is the difference between DROP and DELETE command? Explain with example.	CO4
3	What is the key? Give difference between a candidate key, a primary key and composite key?	CO3
4	Construct an E-R diagram for a hospital with a set of patients and a set of medical doctors. Associate with each patient a log of the various tests and examinations conducted.	CO5
5	A database is being constructed to keep track of the teams and games of a sport league. A team has a number of players, not all of whom participate in each game. It is desired to keep track of players participating in each game for each team, the positions they play in that game and the result of the game. (i) Design an E-R schema diagram for this application. (ii) Map the E-R diagram into relational model.	CO6
6	Measure the Extended Entity Relationship with one example.	CO5
7	Design Cardinality with the help of suitable example.	CO6

Figure 2.1.23 Sample Assignments**Table 2.1.14 Quality of Assignment and its relevance to COs**

Academic Year		2024-25		Semester:		III	
Subject Name		Data Base Management System		Subject Code:		CSE2302	
Assessment Type				Assignment			
Mapping of assignment with COs							
Assignment No.	Question No.	CO1	CO2	CO3	CO4	CO5	CO6
1	1			✓			
	2				✓		
	3			✓			
	4					✓	
	5						✓
	6					✓	
	7						✓
2	1			✓			

	2				✓		
	3			✓			
	4			✓			
	5					✓	
	6			✓			
	7						✓
	Constraints				Yes	No	
	Scope to use Multiple resources				✓		
	Addressing of contemporary technology				✓		
	Self-learning attitude				✓		

2.2 Quality of Student Capstone Project (25)

Total Marks 25.00

A. Program Curriculum:

According to the program curriculum, project work is conducted during Semesters VII (Major Project-A with 2 credits) and VIII (Major Project-B with 8 credits). Students must select their domain and project title in Semester VII in discussion with their project guide. At the end of the semester, the students present their work to an internal panel of examiners, who evaluate them based on the completion of their literature survey as per rubrics. During Semester VIII, students are required to undertake an individual dissertation project for six months. The evaluation of the project work is based on the marks awarded by the project guides, as well as the assessment of the thesis and project presentations conducted by panel members.

B. Course Overview:

At the end of the Major project completion, students are expected to

- To get acquainted with the process of identifying the needs and converting them into the problem.
- To familiarize the process of solving the problem in a group.
- To acquaint with the process of applying basic engineering fundamentals to attempt solutions to the problems.
- To inculcate the process of self-learning and research.

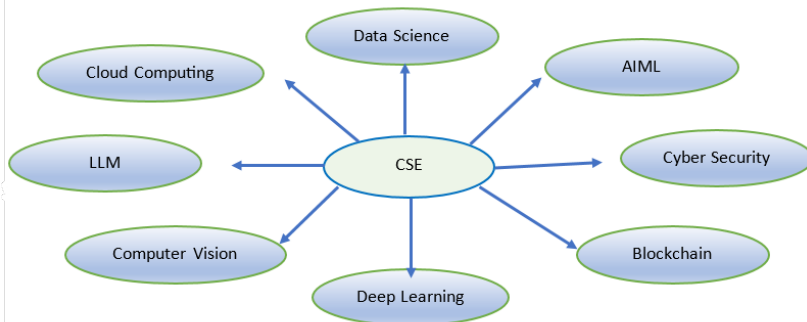


Figure 2.2.1: Project Domain Areas

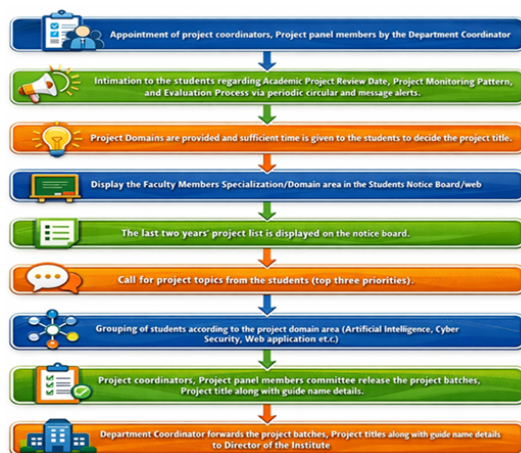


Figure 2.2.2 Project Allocation Methodology

Table 2.2.1 a Rubrics for major project of semester VII

Components	Literature study	Synopsis Report	Presentation	Total
Weightage (%)	40	20	40	100

Table 2.2.1 b Rubrics for major project of semester VIII

Components	Fabrication/ Experimentation	Final Project Report	Presentation	Total
Weightage (%)	40	20	40	100

The project work encompasses design, experimental research, software development, data analysis, or simulation projects in any area of the computer science discipline. Students work individually or as part of a group under the guidance of a faculty member from the department. Upon completion of the project, students are required to submit a comprehensive report detailing their work and the concepts they have learned, followed by a presentation to showcase their findings and outcomes.

•Introduction and Problem Identification

They engage in brainstorming sessions to identify relevant societal or research problems, resulting in a well-defined problem statement. This stage sets the foundation for the project by focusing on real-world issues.

•Literature Review and Needs Analysis

Students conduct thorough research to understand existing solutions and identify gaps. They gather data on the identified problem, analysing societal needs and challenges. This phase culminates in a comprehensive report that lays the groundwork for developing innovative and effective solutions.

•Solution Proposal

Students draft detailed solution proposals with their project group. Each team assigns roles and responsibilities, ensuring effective collaboration. This stage is crucial for planning and organizing the project, setting clear objectives, and leveraging diverse skills within the group to address the identified problem.

•Knowledge Application and Skill Development

Students apply theoretical knowledge and practical skills to develop their solutions. This stage focuses on hands-on learning, ensuring students are well-equipped to tackle the project challenges effectively and innovate practical solutions.

Design and Simulation

Students create detailed system designs and theoretical models. They use simulation techniques to test and refine their solutions. This phase emphasizes the importance of planning and validating ideas through simulations, ensuring the proposed solutions are feasible and effective before implementation.

Evaluation

Students submit their major project thesis report and give a powerpoint presentation of their project results to a committee of faculty members formed under the guidance of Project Coordinator and the Head of Department. The committee examines the result findings and evaluates the presentation and report as per the rubrics given below.

Table 2.2.1 Evaluation Rubrics

Components	Literature study/ Fabrication/ Experimentation	Written Report	Viva	Presentation	Total Weightage (%)
Weightage (%)	40	20	15	25	100

Table 2.2.2a Major Project List of Students Academic Year 2021-2025

Amity University Mumbai Amity School of Engineering and Technology Department of Computer Science & Engineering Major Project List of Students Academic Year 2021-2025				
Group No.	Name of Students	Enrolment No.	Title of Project	PO's
1	Kshitij Patil	A70405221011	Amiride APP	All PO's
	Saahil Shinde	A70405221029		
	Mihir Mhatre	A70405221032		
2	Sameer Bekawade	A70405221033	Health and Fitness, AI, IoT, AR	All PO's
3	Ujwal Tiwari	A70405221034	Mineral Detection using Hyperspectral Imaging	All PO's
	Pratik Warathe	A70405221035		
4	Aishwarya Raj	A70405221037	Camera based heart rate Detector	All PO's
	Sagar Sriverna	A70405221038		
	Sanket Pise	A70405221045		
5	Dev Prajapati	A70405221047	AgriHub	All PO's
6	Deepali Paspule	A70405221048	Generative ai aggregation platform	All PO's
	Saniya Vastrad	A70405221053		
7	Soham jayakar	A70405221055	Neural link	All PO's
	Kirtan Dhinoja	A70405221063		
	Amey Patil	A70405221065		
	Danish Rehman	A70405221066		
8	Vivek pillai	A70405221075	Wind power and electric	All PO's
	Arnav singh	A70405221076		
	Mr Arya Bacchuwar	A70405221204		
9	Hem Pathak	A70405221081	Offline voice translator and communication aid with wrist hardware	All PO's
10	Siddharth Jha	A70405221091	Development of a smart room security system using computer vision and user notification	All PO's
	David faith andrews	A70405221096		
	Jeednyasa kharpuriya	A70405221097		
	Aditya Mishra	A70405221099		
11	Khush Shah	A70405221101	RAG based AI legal assistance using tunable gpt.	All PO's
	Ancita Mendonca	A70405221104		
	Shwetank Agarwal	A70405221108		
12	Aryan Punia	A70405221109	Duplicate question identification using NLP and LLM	All PO's
	Ms Cristel Susan Sibi	A70405221034		
13	Khushi Bhagat	A70405221115	ML based classifications of shoulder pain pathologies	All PO's
	Mr Vedant Chaudhari	A70405221053		

14	Ashwin sude	A70405221119	Personal remote quick cache database	All PO's
15	Tanishq Suryavanshi	A70405221121	Sign language using Flask technology	All PO's
16	Sheth Milil D.	A70405221137	Multimodal agent for Healthcare Emotional support	All PO's
	Gandharvi Ghodge	A70405221139		
	Rose Shyse	A70405221140		
17	Raman Pal	A70405221141	Malware detection using machine learning	All PO's
	Aakash Singh	A70405221142		
18	Harshit	A70405221144	Ships classification using SAR Images and Aerial Videos for Real- time Tracking	All PO's
	Rishab Jain Modi	A70405221145		
	Rutik Jagtap	A70405221147		
19	Runa Kapuganti	A70405221151	Gen AI application for the elderly	All PO's
20	Shyamli K	A70405221157	AI based robot car	All PO's
21	Chinmayi R	A70405221162	Fine Tuning LLMs	All PO's
	Unnati Devaliya	A70405221164		
22	Suraj bhoumick	A70405221166	Machine Learning Football Analysis system with YOLO, OPENCV and Python	All PO's
	Yash chouksey	A70405221169		
	Devansh singh Tanwar	A70405221171		
23	Sanskar Sirvaiya	A70405221173	Olympic data analyser.	All PO's
	Dhruv Bhandari	A70405221176		
24	Daksh Oza	A70405221182	Sunbeams Vehicle	All PO's
25	Dylan Moraes	A70405221183	Quantum-Classical Machine Learning	All PO's
26	Annie Thomas	A70405221188	AIOT wearble device for navigation	All PO's
27	Tanush Garg	A70405221189	Drone based Intelligent system for apple orchard Management	All PO's
	Soham Pagnis	A70405221195		
	Hursh Karnik	A70405221198		
28	Amit Jha	A70405221200	Automated Plant Health Diagnosis Using Image Recognition and Machine Learning.	All PO's
	Sravya Paridala	A70405221204		
	Sanika	A70405221207		
29	SINGH RASHI JAGDEEP	A70405221210	AidalClove (Healthcare App)	All PO's
30	Mr Lekhraj Hitendra Sonawani	A70405221097	Windows Stem Security Tools	All PO's
	Mr Shubham Gupta	A70405221091		
31	Ms Rishika Sheoran	A70405221137	Mental Health Monitoring using AI	All PO's
32	Mr Aum Patel	A70405221140	Cyberdrone	All PO's

Table 2.2.2b Major Project List of Students Academic Year 2020-24

Amity School of Engineering and Technology			
Department of Computer Science & Engineering			
Major Project List of Students			
Academic Year 2020-24			
1	A70405220118	Anshika Sahu	Green Guardians - Elemental Clash Game
	A70405220042	Ayushi Patel	
	A70405220067	Gargi Thakare	
	A70405220079	Gautami Mahajan	
2	A70405220009	Faith Bijoy Mathai	Animal Recuse Website using Image Detection

	A70405220038	Shawasti Mohanty	
	A70405220003	Ms Charusee Yadav	
3	A70405220011	Ishaan Sunita Pandita	Monitoring the Flow of Vehicular Traffic on Indian Road Intersections with Deep Learning Networks
	A70405220085	Gaurav Bhanot	
	A70405220148	Shubham Pawar	
	A70405220099	Mr Atluru Venkata Shanmukh Reddy	
4	A70405220006	Hritik Jaiswal	2X based Smart Parking System
	A70405220109	Ridhwan Yakoob	
	A70405220040	Sarah Kalim	
	A70405220014	Ms Upponi Janhavi Abhijeet	
5	A70405220057	Richie Patil	Study on Solar Spots and Solar Cycle
	A70405220060	Gagandeep Singh Buttar	
	A70405220115	Namasya Singh	
6	A70405220092	Isha Shrivastava	Remote Patient Monitoring System using IoT
	A70405220173	Vedant More	
7	A70405220012	Yash Shah	Click Dub
	A70405220126	Harshit Nigam	
8	A70405220049	Sia Saini	Personalised Travel Recommendation System
9	A70405220021	Vinil Gupta	MLXpress
	A70405220101	Mayank Tiwari	
10	A70405220127	Gunne Sahithi	CVSS powered threat system using ML
	A70405220052	Pandurangi Suprit Sudheendra	
11	A70405220145	Harishchandra Divase	Speech to Text recognition
	A70405220159	Abhishek Patil	
12	A70405220162	Amandeep Singh Channa	Virtual Whiteboard
	A70405220165	Soham Yogesh Bagul	
	A70405220166	Siddharth Ganesh Devar	
13	A70405220029	Harsh Hari	Integrated Healthcare Chatbot Platform with Facial Recognition, Secure Connectivity, and Machine Learning Powered Assistance
	A70405220001	Mr Srihari N Narayan	
14	A70405220010	Rochelle Maria Anthony	Spotlight App
	A70405220036	Shweta Pillai	
15	A70405220125	Aakash Sharma	Social Media Comment Analyzer
	A70405220175	Radhika Sharma	
16	A70405220114	Pritish Bali	Network Intrusion Detection System
17	A70405220039	Khan Tabish Zameerullah	Urban Planning Using GIS
18	A70405220028	Anoushka Raizada	DeepFake Detection System

19	A70405220150	Ankita Harish Punekar	Fabric Defect Detection System
20	A70405220055	Yash Rajaram Shinde	Optimizing Waste-to-Energy Supply Chain in Gujarat, India
	A70405220084	Desai Varunkumar Rajubhai	
	A70405220149	Nikum Kshitij Sharad	
	A70405220133	Kiran Chandani	
21	A70405220156	Aishwarya Funaguskar	Leveraging security of Deepfake Detection during live video calls
	A70405220062	Krunal Bhare	
22	A70405220034	Faizan Mohd Kamran Nabi	Quantification and Classification of Cardiac MRI data using Deep Learning
23	A70405220122	Rahul Pathak	Raffle DApp
	A70405220144	Om Chapre	
	A70405220103	Rishav Tiwari	
	A70405220051	Himanshu Bansode	
24	A70405220053	Shivam Rajesh Bhisebhisevadalia	Sales Forecasting Optimization For Retail Stores
	A70405220071	Siddharth Shankar Chavan	
25	A70405220138	Aniket Sawant	Water Quality Prediction
	A70405220074	Shabari Prasad	
26	A70405220098	Aditya Gupta	Bubble AI
	A70405220157	Sayyed Vajeeha Fatima Parvez	
27	A70405220077	Harssh Rane	Text to image AI helper
28	A70405220048	Ms Narayani Kishor Khataavkar	P2P Energy Trading
29	A70405220064	Mr Akash Patil	LitterLens - AI Litter Prevention
	A70405220081	Mr Meet Kailash Mali	
	A70405220164	Mr Rajwardhan Ganesh Sagare	
30	A70405220136	Priyanshu Das	Bubble AI
31	A70405220083	Mr Devesh C Singhal	Blockid: A Decentralized Storage and Sharing System for Identity and Authentication

C. Course Outcomes (COs)- Major Project

• Course Code: CSE2802

CO1: Apply Engineering Knowledge, Problem analysis and solution to solve societal problems in a group.

CO2: Draw the proper inferences using research-based methods from available results through theoretical/ experimental/simulations using modern tools.

CO3: Develop solutions in societal and environmental contexts that support sustainable development, while adhering to ethical engineering principles.

CO4: Communicate effectively individually and as a team during project execution.

CO5: Demonstrate project management and finance principles during project work.

CO6: Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.

D. CO-PO/PSO Mapping:

2.2.3 Table of PO/PSO Mapping

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
1	3	3	3									3	3	3
2				3	3							3	3	3
3						3	3					3	3	3
4								3	3			3	3	3
5										3		3	3	3
6											3	3	3	3

CO-PO/PSO Mapping:

1- Slightly Mapped ,2- Moderately Mapped, 3- Strongly Mapped

Impact analysis

- Innovative solutions for various industrial/societal problems are developed.
- Skill sets of the students are improved.
- Acquire Knowledge on various aspects of project management.
- Confidence level of the students is increased.
- Enhanced team spirit.
- Implementation and deployment of the project for social benefits.
- Document preparation and presentation.
- More tendencies to showcase their project work in project exhibition were observed.
- Products\prototypes are developed.

2.3 Internship/Industrial Training (10)

Total Marks 10.00

The Internship process is an important part of professional education that provides students with practical exposure to real-world work environments related to their field of study. It helps bridge the gap between theoretical knowledge gained in the classroom and its application in industry. The process usually begins with students identifying suitable organizations and applying for internship opportunities through institutional support or online platforms. After selection, students work under the guidance of an industry mentor and faculty coordinator, performing assigned tasks or projects that enhance their technical and professional skills.

During the internship, students learn about workplace culture, teamwork, problem-solving, and industry practices. At the end of the internship period, students typically submit a report and may present their learning outcomes, which are evaluated by the institution. Overall, the internship process plays a vital role in improving students' employability, confidence, and readiness for future careers.

Internship Process:

- Students go for the Summer Internship Program (SIP) twice during the program. One at the end of semester V (SIP-I) and second at the end of semester VII (SIP-II).
- The duration of the SIP is 4-6 weeks and is scheduled after the semester exams, as mentioned in the academic calendar.
- Two credits have been assigned for SIP-I and SIP-II.
- After undergoing the SIP, the students present their work to an internal panel of examiners who evaluate them as per rubrics (out of 100).

Industrial Training

Industrial Training is an essential component of outcome-based education emphasized by the National Board of Accreditation (NBA). It provides students with practical exposure to real-world engineering environments, enabling them to apply theoretical knowledge to industry practices.

Through Industrial Training, students gain hands-on experience in industrial processes, tools, and technologies, while developing professional skills such as teamwork, communication, problem-solving, and ethical responsibility. It also helps in understanding organizational structures, work culture, and industry standards.



Figure 2.3.1a : Industrial Exposure of students at Ailipitech Pvt Ltd.



Figure 2.3.1b : Industrial exposure at Ailipitech Pvt Ltd

Evaluation Process

Students submit their internship report and give a power point presentation of their knowledge gained from Industrial training and internships undergone to a committee of faculty members formed under the guidance of Project Coordinator and the Head of Department. The committee examines the result findings and evaluates the presentation and report as per the rubrics given below.

Table 2.3.1 Evaluation Rubrics for Internship

Student Name	Problem Statement	Technical Knowledge	Problem Solving and Innovation	Presentation and Viva Voce
	(20)	(30)	(20)	(30)



Fig 2.3.2: Internship Evaluation-students presenting their internship work to Faculty panel

Course Outcomes (COs)- Internship

CO1: Apply theoretical engineering knowledge to solve real-world industrial problems.

CO2: Analyse practical problems using appropriate tools, techniques, and research-based approaches.

CO3: Design or implement feasible technical solutions under industrial constraints.

CO4: Demonstrate effective communication skills and teamwork in a professional environment.

CO5: Exhibit professional ethics, project management skills, and time management in completing assigned tasks.

CO6: Adapt to industry practices and demonstrate self-learning ability for continuous professional development.

Table 2.3.2: CO-PO/PSO Mapping:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
1	3	3	3									3	3	3
2				3	3							3	3	3
3						3	3					3	3	3
4								3	3			3	3	3
5										3		3	3	3
6											3	3	3	3

1- Slightly Mapped, 2- Moderately Mapped, 3- Strongly Mapped

Table 2.3.3 Internship Details of 2021-25 Batch (Semester VII)

Amity School of Engineering and Technology
Department of Computer Science & Engineering
Internship Details for Batch 2021-25

S. No	Name of Student	Internship	Duration
1. 1	Ms. Aishwarya Raj	Bharat Heavy Electricals Limited	4 weeks
2. 2	Mr. Amey Nitin Patil	Craft Lab	6 weeks
3. 3	Mr. Ashwin Sude	Inhouse project	2 Week
4. 4	Mr. Cristel Susan Sibi	Blu Beyond, Munich	2 weeks
5. 5	Mr. Dev Prajapati	Agriculture	2 weeks
6. 6	Mr. Grandhisila Chandrasekhar	Financial Advisor (Wealth Vise) Tool	4 weeks
7. 7	Hem Pathak	ONGC BKC	8 weeks
8. 8	Khush Anup Shah	Amity University Mumbai	5 weeks
9. 9	Khushi Bhagat	IT Services	4 weeks
10. 10	Lekhranj Hitendra Sonawani	Fosroc Chemicals Pvt Ltd	4 weeks
11. 11	Pratik Warathe	Bharat Heavy Electricals Limited	4 weeks
12. 12	Rose Shyde	Amity University (Inhouse)	4 weeks
13. 13	Runa Kapuganti	Amity University (Inhouse)	4 weeks

Table 2.3.4 Internship Details of 2022-26 Batch (Semester V)

2024-25 Semester V Internship (Batch 2022-26)

Sr. No.	Name of Student	Organization	Duration
1. 1.	Sahil Tiwatne	YBI foundation	5 weeks
2. 2.	Sameer Ramesh Bekawade	WorIn	12 weeks

3.	3.	Aradhya Kapil	Amity University Mumbai	2 weeks
4.	4.	Aditi Ratnakar Bhoir	Amity University Mumbai	4 weeks
5.	5.	Priyatharshini C	Internz valley	8 weeks
6.	6.	Harsh Shah	Amity University Mumbai	4 weeks
7.	7.	Sai Shankar S	Amity University Mumbai	1 Week
8.	8.	Ayisha Raina	Internship studio	5 weeks
9.	9.	Jabir Ali	Amity University Mumbai	4 weeks
10.	10.	Akshat Aundhekar	Amity University Mumbai	4 weeks
11.	11.	sanket suradkar	Unified Mentor	4 weeks
12.	12.	Laiba Khan	TopperWorld	4 weeks
13.	13.	Janvi Maurya	Data analysis internship	4.3 weeks
14.	14.	Saurabh kumar Jha	ABSS	2 weeks
15.	15.	Rushabh Dorage	Amity University Mumbai	10 weeks
16.	16.	Heena Hashmi	Amity University Mumbai	1 MONTH
17.	17.	Bhavesb Ahirrao	SaaS	24 days
18.	18.	Ruhi Madhani	SmartTrack Tele.	4weeks
19.	19.	Sufiya shaikh	Amity University Mumbai	6 MONTHS
20.	20.	Shaikh Mohammed Umair Abdul Aziz	Child Development and Health Care	6 weeks
21.	21.	Sagar Das	Forage	4 weeks
22.	22.	Nayakanti BharathSimha Reddy	Forage	4 weeks
23.	23.	Sampurna Roy	Amity University Mumbai	8 weeks
24.	24.	Thanush . Anikala	Amity university	4 weeks
25.	25.	Sahan S	Amity University Mumbai	4 weeks
26.	26.	Vanshaj Awasthi	"Evonix Technologies	2 weeks
27.	27.	Sakshi Nipane	Amity University Mumbai	6.5
28.	28.	Bali.Ratnasekhar	Amity University Mumbai	3 months
29.	29.	D. Jayanth	Amity University Mumbai	3 months
30.	30.	Sai Likith reddy	Amity University Mumbai	12 weeks
31.	31.	G. Abhiram	Amity University Mumbai	3 Months
32.	32.	Sahil Kumar	Digital Curve IT Solutions	7 days

C. Impact Analysis of industrial training

- The technical skills of the students has improved which has helped the students to get placed in reputed companies.

Amity University Mumbai Amity School of Engineering and Technology Department of Computer Science & Engineering Impact Analysis Academic Year 2021-25				
S. No	Student name	Internship Company name	Placement Company name	Package (in Lakhs) INR
1	Mr. Abhiyank jha	Tata data analysis	JTP / Teachnook Services Pvt. Ltd. / Luxury heights	30
2	Ms. Deepali Paspule	Amity University (Inhouse)	Digichain Global Holdings LLP	24
3	Mr. Dylan Mores	Software Automation and Testing	Hewlett Packard Enterprise India Pvt. Ltd./LedgerPe	12.8
4	Mr. Kirtan Jayesh Dhinoja	ABCM App-Fintech Startup	Capgemini/C-Bia Solution	9.2
5	Ms. Aishwarya Raj	Bharat Heavy Electricals Limited	Expound Technivo Private Ltd./ Movidu Technologies Pvt. Ltd.	9

6	Mr. Tanishq Suryawanshi	Amity University (Inhouse)	Expound Technivo Private Ltd. / Heiterz Infotech Pvt. Ltd./ KPMG	8.5
7	Mr.Khush Shah	Amity University Mumbai	HFFC/Atidan Technologies	8
8	Ms. Khusi Prashant Bhagat	Innovizia technologies	Capgemini	7.5
9	Ujjwal Tiwari	In House	Mr. Ujjwal Tiwari	7.5
10	Mr. Tanush Bhusan Garg	Full Stack Development	Senior Analyst	7.5
11	Grandhisila Chandrasekhar	Financial Advisor (Wealth Vise)Tool	Wayspire ed-tech Private Limited.	7
12	Annie Thomas	Nuclear Power Corporation of India Limited (NPCIL)	LaunchED Global	7
13	Mr.Mihir Mhatre	Amity University (Inhouse)	Universal Lab Solutions	6
14	Ms. Rose Shyse	Amity University (Inhouse)	LeadSquared	6
15	Mr. Vedant Chaudhari	IT Services	KPMG India	5.5

2.4 Seminar and Mini/Micro Projects (10)

Total Marks 10.00

• Curriculum of Mini projects (Semester VI)

Based on the PO/PSO gaps of the previous batches, action to be taken points are enlisted:

- Conducting Guest lectures,
- Seminars,
- Workshops

These sessions are conducted throughout the semester and appropriate PO/PSOs are mapped in given below table.

Table 2.4.1 Mini Project CO/PO/PSO Mapping

Table 2.4.1 Mini Project CO/PO/PSO Mapping

CO-PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
1	3	3	3									3	3	3
2				3	3							3	3	3
3						3	3					3	3	3
4								3	3			3	3	3
5										3		3	3	3
6											3	3	3	3

CO-PO/PSO Mapping:

1- Slitly Mapped, 2- Moderately Mapped, 3- Strongly Mapped

E.g. A Guest lecture on GenAI will be mapped to PO1, 2, 3, 5 and PSO1 and PSO2.

• Process for Program Curriculum for Mini Projects

According to the program curriculum, Mini project is conducted during Semesters VI with 2 credits.

• Introduction

A **Mini Project** is an important academic activity that enables students to apply the theoretical concepts learned during their coursework to solve real-world problems. It encourages innovation, problem-solving ability, teamwork, and technical skill development. Students undertake the project individually or in groups under the supervision of a faculty guide. The project focuses on identifying a practical problem, proposing an appropriate solution, and implementing it using suitable tools and techniques.

• Project Topic Selection

At the beginning of the semester, students are required to select a project topic by conducting surveys and identifying relevant societal, industrial, or research needs. These needs should be converted into a clearly defined **problem statement** in consultation with the assigned faculty guide. The selected topic should be relevant to the discipline and feasible within the given time frame.

• Project Supervision and Monitoring

The progress of the project will be regularly monitored by the faculty guide. Students are expected to present periodic updates regarding their project progress, including literature review, design development, implementation, and testing stages. Continuous guidance and feedback from the faculty will help ensure the successful completion of the project.

• Project Scope

The mini project may involve one or more of the following activities within the discipline:

- System or product design
- Experimental research
- Software or application development
- Data analysis and interpretation
- Simulation-based studies

Students are expected to apply appropriate methodologies, tools, and techniques to develop and validate their proposed solution.

• Project Report and Presentation

At the end of the semester, students must submit a comprehensive project report detailing the problem statement, literature review, methodology, design, implementation, results, and conclusions. The students must also present their project work before the evaluation committee and defend their work during the viva voce examination.

• Evaluation Process

The project will be evaluated by a **Board of Examiners consisting of faculty members**. The evaluation will be based on different components such as technical work, documentation, presentation, and viva voce.

Table 2.4.2 Evaluation Rubrics for Mini Project

Components	Literature Study / Fabrication / Experimentation	Written Report	Viva Voce	Presentation	Total Weightage (%)
Weightage (%)	40	20	15	25	100

• Project Development Stages

Stage1: Introduction and Problem Identification

Students participate in brainstorming sessions to identify relevant societal or research problems. Based on these discussions, a clear and well-defined **problem statement** is formulated, forming the foundation of the project.

Stage2: Literature Review and Needs Analysis

Students conduct a detailed **literature survey** to study existing work related to the problem. They analyze current solutions and identify gaps that need improvement. Data related to the problem is collected and analyzed to understand the societal or industrial needs.

Stage3: Solution Proposal

Students prepare a project proposal describing the methodology and approach to solve the identified problem. Roles and responsibilities are assigned among team members to ensure effective teamwork and collaboration.

Stage 4: Knowledge Application and Skill Development

Students apply the theoretical concepts and practical skills learned during their coursework to develop the proposed solution. This stage emphasizes hands-on learning and practical implementation.

Stage 5: Design and Simulation

Students create detailed system designs and models. Simulation tools may be used to test and validate the feasibility of the proposed solution before implementation.

Stage 6: Implementation and Testing

The proposed solution is implemented and tested to verify its functionality and performance. Necessary improvements are made based on the test results.

Stage 7: Documentation and Presentation

Finally, students prepare a detailed project report and present their work to the evaluation committee, demonstrating the outcomes and learning gained during the project.

• Process for Mini Project Report

The knowledge gained by students during the execution of mini project should be communicated in the form of a research report written by the student. Sufficient time should be allowed for satisfactory completion of reports, taking into account that initial drafts should be critiqued by the faculty guide and corrected by the student at each stage. The report is the principal means by which the work carried out will be assessed and therefore great care should be taken in its preparation.

The report should contain the following components:

- Title or Cover Page The title page should contain the following information:
 - Project Title;
 - Student's Name;
 - Course;
 - Year;
 - Supervisor's Name.
 - Acknowledgements (optional) Acknowledgment to any advisory or financial assistance received in the course of work may be given.
 - Abstract A good "Abstract" should be straight to the point; not too descriptive but fully informative. The first paragraph should state what was accomplished with regard to the objectives. The abstract does not have to be an entire summary of the project, but rather a concise summary of the scope and results of the project.
 - Table of Contents Titles and subtitles are to correspond exactly with those in the text.
 - Introduction: A brief introduction to the problem that is central to the project and an outline of the structure of the rest of the report should be provided. The introduction should aim to catch the imagination of the reader, so excessive details should be avoided.
 - Materials and Methods This section should aim at experimental designs, materials used. Methodology 232 should be mentioned in details including modifications if any.
 - Results and Discussion Present results, discuss and compare these with those from other workers, etc. In writing these section, emphasis should be given on what has been performed and achieved in the course of the work, rather than discuss in detail what is readily available in text books. Avoid abrupt changes in contents from section to section and maintain a lucid flow throughout the thesis. An opening and closing paragraph in every chapter could be included to aid in smooth flow. Note that in writing the various sections, all figures and tables should as far as possible be next to the associated text, in the same orientation as the main text, numbered, and given appropriate titles or captions. All major equations should also be numbered and unless it is really necessary never write in "point" form.
 - Conclusion A conclusion should be the final section in which the outcome of the work is mentioned briefly.
 - Future prospects
 - Appendices the Appendix contains material which is of interest to the reader but not an integral part of the thesis and any problem that have arisen that may be useful to document for future reference.
 - References / Bibliography This should include papers and books referred to in the body of the report. These should be ordered alphabetically on the authors surname. The titles of journals preferably should not be abbreviated; if they are, abbreviations must comply with an internationally recognized system.

Course Outcomes (COs)- Mini Project

CO1: Identify and formulate a real-world problem in the field of Computer Science through literature survey and requirement analysis.

CO2: Analyze the problem and propose feasible solutions using appropriate computational techniques and domain knowledge.

CO3: Design the system architecture, algorithms, database schema, and user interface using suitable tools and technologies.

CO4: Develop and implement the proposed solution using modern programming languages, frameworks, and software development practices.

CO5: Test, validate, and evaluate the performance of the developed system using appropriate testing methodologies and performance metrics.

CO6: Demonstrate effective teamwork, project management, technical documentation, ethical practices, and professional communication skills.

Table 2.4.3 Mini Project list of Batch 2021-25

Amity University Maharashtra School Name: Amity School of Engineering & Technology Computer Science & Engineering Department Mini Project Sem VI, Batch 2021-25		
Group No.	Name	Project Title
1	Mr David Faith Andrews	Heart Disease Prediction Using Neuro-Fuzzy
	Mr Ujjwal Tiwari	
	Ms Annie Thomas	
	Mr Tanishq Sanjay Suryawanshi	
2	Mr Hem Pathak	Resister Detection Using Arduino and Camera Sensor Machine Learning Approach for Classifying Shoulder Pain Pathologies Using Ultrasound Imaging
	Ms Khushi P Bhagat	
	Mr Vedant Chaudhari	
	Mr Jagtap Rutik Suresh	
3	Mr Hursh Ankush Karnik	Player Recommendation System
	Mr Tanush Garg	
	Ms Cristel Susan Sibi	
	Mr Shubham Gupta	
4	Mr Amit Jha	AI Chat Bot
	Mr Bekawade Sameer Ramesh	
	Ms Gandharvi Girish Ghodge	
	Ms Ancita Mendonca	
5	Mr Pagnis Soham Chetan	Mumbai Housing Price Prediction using ENN
	Mr Sanket Balu Pise	
	Mr Pratik Warathe	
	Ms Aishwarya Raj	
7	Ms Paspule Deepali Ravindra	MENTAL HEALTH PREDICTION
	Ms Runa Kapuganti	
	Gandharvi Girish Ghodge	
	Sheth Mili Dipakbhai	
8		Lung Disease Detection System

	Mr Lekhraj Hitendra Sonawani	
	Ms Annie Thomas	
	Mr Suraj Bhounick	
	Mr Rishabh Jain	
9	Mr Yash Chouksey	Indigenous Indian Bird Classification using Deep Learning
	Mr Viswanadhapalli Sagarsrivarma	
	Mr Prit Somnath Mhatre	
	Mr Rehman Mohmad Danish Sajid	
	Mr Aum Patel	
10	Mr Daksh Oza	Parkinsons Disease Detection Model
	Ms Rose Shyse	
	Mr Dylan Moraes	
	Mr Soham Rahul Jayakar	
11	Mr Ashwin Sude	Adaptive Traffic Signal Control System
	Mr Devansh Singh Tanwar	
	Ms Chinmayi . R	
	Ms Sheth Mili Dipakbhai	
12	Mr Khush Anup Shah	Lung Cancer Detection
	Ms Paspule Deepali Ravindra	
	Mr Sanskar Sirvaiya	
	Mr Dev Prajapati	
	Mr Dhruv Mahesh Bhandari	
	Mr Amey Nitin Patil	
13	Mr Arnav Kumar Singh	Alzheimers Detection Model
	Mr Aryan Punia	
	Mr Jha Siddharth Bhartendu	
	Ms Shyamli Kumari	
	Mr Kirtan Dhinoja	
14	Mr Arya Bacchuwar	Breast Cancer Detection with Artificial Neural Networks
	Ms Sanika Dnyaneshwar Nyaharkar	
	Ms Unnati Amish Devaliya	
	Mr Kshitij Ganesh Patil	
15	Mr Vivek Vijayan Pillai	FashionForge: Creating Couture with GANs using Tensorflow and Python
	Mr Harshit Santosh Singh	
	Mr Grandhisila Chandrasekhar	
	Ms Saniya Viresh Vastrad	
	Mr Raman Phoolchand Pal	
16	Mr Aakash Singh	Urban Sound Classifier
	Mr Aditya Mishra	
	Ms Paridala Sravya	
17	Mr Shinde Saahil Sachin	Object Detection System
	Mr Shwetank Agarwal	
	Ms Singh Rashi Jagdeep	
	Ms Jeednyasa D Kharpuriya	
18	Mr Mihir Mhatre	TRASH DETECTION USING ANN
	Ms Rishika Sheoran	

2.5 Case Studies and Real-Life Examples (10)

Total Marks 10.00

Introduction

To enhance the effectiveness of the teaching–learning process and promote Outcome-Based Education (OBE), the department systematically integrates case studies and real-life examples into various courses. This approach enables students to bridge the gap between theoretical knowledge and practical application, helping them understand how engineering concepts are implemented in real-world scenarios. Faculty members incorporate industry-oriented case studies, practical situations, and real-world problem statements into classroom sessions. These case studies are carefully curated from industry practices, research publications, and recent technological advancements relevant to the course. Through analysis and discussion, students develop critical thinking, analytical reasoning, and problem-solving skills.

Real-life examples are used to simplify complex concepts by connecting them with practical applications in industry, society, and emerging technologies. Illustrations from areas such as software development life cycles, cybersecurity incidents, IoT systems, cloud computing, and engineering design challenges are frequently discussed. This enhances conceptual clarity and highlights the relevance of the subject in professional practice. Students are encouraged to work collaboratively on case study analysis, present their insights, and explore multiple solution approaches. These activities promote teamwork, communication skills, and the ability to evaluate alternative solutions to engineering problems.

Furthermore, mini projects, assignments, and classroom discussions are designed around real-life challenges to foster experiential learning. These initiatives contribute to the attainment of Course Outcomes (COs) and Program Outcomes (POs) by emphasizing application-oriented learning and preparing students to address real-world engineering problems effectively. Overall, the integration of case studies and real-life examples strengthens the student-centric teaching–learning process, enhances engagement, and supports the development of professional competencies required for both industry and research.

Table 2.5.1 List of Case Study

S. No	Course code	Name of subject	Semester	Title of Case study	PO/PSO address
	1CSE2302	Database Management System	III	Design of a University Course Registration System	All PO/ PSO
	2CSE2308	Java Programming	III	Development of an Online Banking System using Java	All PO/ PSO
	3DSD2303	Digital Logic and Computer Architecture	III	Design and Simulation of a Basic 8-bit Microprocessor	All PO/ PSO
	4CSE2404	Computer Graphics	IV	Development of a 2D/3D Animation System for Traffic Simulation	All PO/ PSO
	5CSE2402	Operating Systems	IV	Design and Analysis of CPU Scheduling Algorithms	All PO/ PSO
	6CSE2401	Theory of Automata & Computation	IV	Design of a Lexical Analyzer using Finite Automata	All PO/ PSO
	7CSE2407	Web Programming	IV	E-Commerce Website Development	All PO/ PSO
	8CSE2501	Software Engineering	V	Development of a Library Management System using SDLC	All PO/ PSO
	9CSE2520	Data Communication & Computer Networks	V	Design of a Campus Network Infrastructure	All PO/ PSO
	10CSE2508	Analysis and Design of Algorithm	V	Optimization of Delivery Route using Shortest Path Algorithms	All PO/ PSO

11	AIML2601	Artificial Intelligence	VI	Chatbot for Student Query Handling	All PO/ PSO
12	CSE2614	Cryptography & System Security	VI	Secure Online Voting System	All PO/ PSO
13	CSE2611	Machine Learning	VI	Prediction of Student Performance using ML Algorithms	All PO/ PSO
14	AIML2607	Business Intelligence	VI	Sales Data Analysis and Dashboard Development	All PO/ PSO
15	CSE2716	Big Data	VII	Analysis of social media Trends using Hadoop/Spark	All PO/ PSO
16	CSE2721	Quantum Computing	VII	Simulation of Quantum Algorithms	All PO/ PSO
17	AIML2708	Computer Vision & Image Processing	VII	Crowd Monitoring and Anomaly Detection using Computer Vision	All PO/ PSO
18	AIML2703	Natural Language Processing	VII	Financial News Analysis for Stock Market Prediction	All PO/ PSO
19	CSE2703	Digital Image Processing	VII	Defect Detection in Manufacturing using Image Processing	All PO/ PSO
20	DS2702	Data Visualization	VII	Student Performance Visualization Dashboard	All PO/ PSO
21	DS2801	Linear and Non-Linear Optimization	VIII	Linear Optimization in Resource Allocation	All PO/ PSO
22	CCCS2707	Vulnerability Analysis	VIII	Security Assessment of a Web Application	All PO/ PSO
23	CSE2809	Internet of Things	VIII	Smart Environmental Monitoring System using IoT	All PO/ PSO
24	DL2806	Deep Learning	VIII	Voice-based Virtual Assistant using Deep Neural Networks	All PO/ PSO

Figure 2.4.1: Sample Case study of Topic- Linear Optimization in Resource Allocation

AMITY UNIVERSITY MUMBAI
DEPARTMENT OF CSE
ACADEMIC BATCH 2021-25
Year: 2022-26 Semester: VIII(DS)

Case Studies and Real- Life Example

Subject Name: Linear and Non-Linear Optimization
Topic: Linear Optimization in Resource Allocation

Case Scenario:

A software development company is working on two types of projects: Web Applications and Mobile Applications. Each project requires a fixed number of developer hours and testing hours. The company has limited resources in terms of available developers and testers. The challenge is to allocate resources efficiently to maximize overall profit.

Students were asked to formulate this as a linear optimization problem and determine the optimal number of projects to undertake under given constraints.

Objectives:

- To understand the formulation of Linear Programming Problems (LPP).
- To apply optimization techniques such as the graphical and simplex methods.
- To optimize resource allocation in software project management.

Outcomes:

- Students successfully formulated the problem using linear objective functions and constraints.
- Determined the optimal number of web and mobile projects to maximize profit.
- Understood practical applications of linear optimization in project scheduling and resource planning.

Real-Life Example:

Linear optimization is widely used in **cloud computing resource allocation**, where companies like Amazon Web Services optimize server usage to minimize cost while meeting user demand. It is also used in compiler optimization to efficiently allocate memory and CPU resources.

Evidence:

- Mathematical model formulation (objective function and constraints)
- Graphical solution plots / Simplex tables
- Optimization results showing maximum profit and resource utilization

2.6 SWAYAM/NPTEL/MOOC/Self Learning (10)

Total Marks 10.00

SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) is an initiative by the Government of India to provide **free online education** to students, teachers, and lifelong learners. It offers high-quality courses developed by leading institutions such as Indian Institutes of Technology, Indian Institute of Science, and Indian Institutes of Management. These courses include video lectures, reading materials, assignments, and discussion forums. Learners can study at their own pace, and those who wish to receive certification can appear for a proctored examination by paying a nominal fee.

NPTEL (National Programme on Technology Enhanced Learning) is a major content provider on SWAYAM, jointly developed by IIT Madras and IIT Bombay along with other IITs and IISc. NPTEL offers courses mainly in **engineering, science, management, and humanities**, delivered through structured weekly modules with assignments and final certification exams.

MOOCs (Massive Open Online Courses) refer to **online courses designed for large-scale participation**, accessible to anyone with internet access. Platforms like SWAYAM platform, Coursera, and edX provide MOOCs that enable learners worldwide to gain knowledge, develop skills, and obtain certifications from reputed institutions.

Self-Learning through these platforms allows students to **learn independently outside the traditional classroom environment**. It promotes flexibility, continuous learning, and skill enhancement by enabling learners to access course materials anytime and anywhere. Self-learning platforms like SWAYAM and NPTEL are widely used in higher education to support **blended learning, flipped classrooms, and credit transfer systems**.

Table 2.6.1: List of students completing certification courses

Amity University Mumbai Amity School of Engineering and Technology Department of Computer Science & Engineering Impact Analysis				
S. No	Student Full Name	Academic Year	Course Title	Course conduction Organization Name
1	Mr Jagtap Rutik Suresh	2021 - 2025	Google Data Analytics	Coursera
2	Shubham Gupta	2021-2025	OSCP+	OffSec
			Introduction to Machine Learning	Kaggle
3	Daksh Oza	2021-2025	Supervised Machine Learning: Regression and Classification	Coursera
			Advanced Learning Algorithms	Coursera
			AWS Academy Graduate - Cloud Architecting - Training Badge	Amazon Web Services
4	Cristel Sibi	2021-2025	Introduction to IoT	Cisco
			Google Cybersecurity Professional Certificate V2	Coursera
5	Ms Aishwarya Raj	2021 - 2025	Google Data Analytics	Coursera
6	Ms Singh Rashi Jagdeep	2021 - 2025	Google Data Analytics	Coursera
7	Ms Rishika Sheoran	2021 - 2025	Google Data Analytics	Coursera
8	Mr Ashwin Sude	2021 - 2025	Google Data Analytics	Coursera
9	Ms Unnati Amish Devaliya	2021 - 2025	Google Data Analytics	Coursera
10	Ms Cristel Susan Sibi	2021 - 2025	Web Development Front-End	1stop
11	Mr Amit Jha	2021 - 2025	Web Development Front-End	1stop
12	Mr Hem Pathak	2021 - 2025	Web Development Front-End	1stop
13	Mr Suraj Bhournick	2021 - 2025	Web Development Front-End	1stop
14	Ms Chinmayi R	2021 - 2025	Web Development Front-End	1stop
15	Mr Aryan Punia	2021 - 2025	Web Development Front-End	1stop
16	Ms Shyamli Kumari	2021 - 2025	Web Development Front-End	1stop
17	Ms Rochelle Maria Anthony	2020 - 2024	Google Data Analytics	Coursera
18	Mr Harsh Hari	2020 - 2024	Google Data Analytics	Coursera
19	Ms Ayushi Patel	2020 - 2024	Google Data Analytics	Coursera
20	Mr Vadalía Shivam Rajesh	2020 - 2024	Google Data Analytics	Coursera
21	Mr Krunal Ravindra Bhore	2020 - 2024	Google Data Analytics	Coursera
22	Mr Harshit Nigam	2020 - 2024	Google Data Analytics	Coursera
23	Mr Priyanshu Das	2020 - 2024	Google Data Analytics	Coursera
24	Mr Kshitij Ganesh Patil	2021 - 2025	Software Engineering Job Simulation	Forage
25	Mr Aakash Singh	2021 - 2025	Software Engineering Job Simulation	Forage
26	Ms Jeednyasa D Kharpuriya	2021 - 2025	Software Engineering Job Simulation	Forage
27	Ms Paridala Sravya	2021 - 2025	Software Engineering Job Simulation	Forage
28	Ms. Rose Shyde	2021 - 2025	Software Engineering Job Simulation	Forage
29	Ms Khushi P Bhagat	2021 - 2025	Software Engineering Job Simulation	Forage
30	Ms Charusee Yadav	2020 - 2024	Web Development Front-End	1stop
31	Mr Vinil Gupta	2020 - 2024	Web Development Front-End	1stop
32	Ms Sarah Kalim	2020 - 2024	Web Development Front-End	1stop
33	Mr Om Chapre	2020 - 2024	Web Development Front-End	1stop
34	Ms Gunne Sahithi	2020 - 2024	Web Development Front-End	1stop
35	Mr Mayank Tiwari	2020 - 2024	Web Development Front-End	1stop
36	Ms Gautami Mahajan	2020 - 2024	Web Development Front-End	1stop
37	Mr Srihari N Narayan	2020 - 2024	Artificial Intelligence Course	mycaptain
38	Mr Yash Shah	2020 - 2024	Artificial Intelligence Course	mycaptain
39	Ms Sia Saini	2020 - 2024	Artificial Intelligence Course	mycaptain
40	Ms Gargi Ajay Thakare	2020 - 2024	Artificial Intelligence Course	mycaptain
41	Mr Bagul Soham Yogesh	2020 - 2024	Artificial Intelligence Course	mycaptain
42	Mr Yash Rajaram Shinde	2020 - 2024	Software Engineering Job Simulation	Forage
43	Mr Shabari Prasad	2020 - 2024	Software Engineering Job Simulation	Forage
44	Mr Aditya Ramasre Gupta	2020 - 2024	Software Engineering Job Simulation	Forage
45	Mr Pritish Sanjeev Bali	2020 - 2024	Software Engineering Job Simulation	Forage
46	Ms Ankita Harish Punekar	2020 - 2024	Software Engineering Job Simulation	Forage

47	Ms Radhika Sharma	2020 - 2024	Software Engineering Job Simulation Hack the Tank hackathon	Forage Shark Tank India
48	Gaurav Bhanot	2020-24	Introduction to Programming using Python Software engineering Job simulation	Microsoft JP Morgan Chase

2.7 Solving Complex Engineering Problems Incorporating Sustainability Goals (20)

Total Marks 20.00

Engineering graduates are expected to demonstrate the ability to identify, formulate, and solve complex engineering problems while considering societal, environmental, and sustainability aspects. Integrating sustainability goals into engineering problem-solving ensures that technical solutions contribute to long-term environmental protection, economic growth, and social well-being. These principles are closely aligned with the global sustainability framework proposed by the United Nations through the Sustainable Development Goals (SDGs).

Sustainable Development Goals (SDGs) are a set of 17 global goals adopted by the United Nations in 2015 as part of the 2030 Agenda for Sustainable Development. They aim to end poverty, protect the planet, and ensure peace and prosperity for all people by the year 2030. These goals address global challenges such as poverty, inequality, climate change, environmental degradation, peace, and justice.

Table 2.7.1 List of Sustainable Development Goals

S.No	United Nations Sustainable Development Goals
1. 1	No Poverty – End poverty in all forms everywhere.
2. 2	Zero Hunger – End hunger and achieve food security and improved nutrition.
3. 3	Good Health and Well-being – Ensure healthy lives and promote well-being for all.
4. 4	Quality Education – Ensure inclusive and equitable quality education.
5. 5	Gender Equality – Achieve gender equality and empower all women and girls.
6. 6	Clean Water and Sanitation – Ensure availability of clean water and sanitation.
7. 7	Affordable and Clean Energy – Ensure access to reliable and sustainable energy.
8. 8	Decent Work and Economic Growth – Promote sustained economic growth and productive employment.
9. 9	Industry, Innovation and Infrastructure – Build resilient infrastructure and foster innovation.
10. 10.	Reduced Inequalities – Reduce inequality within and among countries.
11. 11.	Sustainable Cities and Communities – Make cities inclusive, safe, and sustainable.
12. 12.	Responsible Consumption and Production – Ensure sustainable consumption and production patterns.
13. 13.	Climate Action – Take urgent action to combat climate change.
14. 14.	Life Below Water – Conserve oceans and marine resources.
15. 15.	Life on Land – Protect terrestrial ecosystems and biodiversity.
16. 16.	Peace, Justice and Strong Institutions – Promote peaceful and inclusive societies.
17. 17.	Partnerships for the Goals – Strengthen global partnerships for sustainable development.

Complex engineering problems typically involve multiple constraints such as technical feasibility, economic limitations, environmental impact, safety requirements, and societal needs. Engineers must analyze these factors systematically and develop solutions that are efficient, reliable, and sustainable. Incorporating sustainability goals encourages engineers to adopt practices such as resource optimization, energy efficiency, pollution reduction, and responsible use of materials during the design, development, and implementation stages.

From an NBA perspective, this competency is closely related to Program Outcome PO1 (Engineering Knowledge), PO2 (Problem Analysis), PO3 (Design/ Development of Solutions), and PO7 (Environment and Sustainability). Engineers are expected to evaluate the environmental impact of their solutions and ensure that technological advancements do not compromise ecological balance or societal welfare.

For instance, in fields such as information technology, electronics, and communication engineering, sustainable solutions may include the development of energy-efficient networks, green computing systems, smart grids, and IoT-based environmental monitoring systems. These technologies help optimize resource utilization, reduce energy consumption, and support sustainable infrastructure development. Furthermore, solving complex engineering problems with sustainability considerations requires the application of systems thinking, life cycle assessment, and interdisciplinary collaboration. Engineers must work with experts from environmental science, economics, and public policy to design solutions that address real-world challenges holistically.

In conclusion, integrating sustainability goals into engineering problem-solving aligns with the objectives of NBA's outcome-based education framework. It equips graduates with the ability to design and implement innovative, responsible, and sustainable engineering solutions that address complex societal challenges while supporting global development priorities.



Figure 2.7.1 Sustainable Development Goals

Table 2.7.2 Batch 2021-25 Major Project List Mapped with SDGs

Amity University Mumbai Amity School of Engineering and Technology Department of Computer Science & Engineering Major project mapping with Sustainable Development Goals Batch 2021-25		
S. No.	Project Name	Relevant SDG Goal
1	Amiride APP	SDG 3: Good Health & Well-being
2	Health and Fitness, AI, IoR, AR	SDG 3: Good Health & Well-being
3	Mineral Detection using Hyperspectral Imaging	SDG 9: Industry, Innovation & Infrastructure
4	Camera-based heart rate Detector	SDG 3: Good Health & Well-being
5	AgriHub	SDG 9: Industry, Innovation & Infrastructure
6	Generative ai aggregation platform	SDG 9: Industry, Innovation & Infrastructure
7	Neural link	SDG 3: Good Health & Well-being
8	Wind power and electric	SDG 7: Affordable & Clean Energy
9	An offline voice translator and communication aid with wrist hardware	SDG 10: Reduced Inequalities
10	Development of a smart room security system using computer vision and user notification	SDG 11: Sustainable Cities & Communities
11	RAG-based AI legal assistance using tunable gpt.	SDG 16: Peace, Justice & Strong Institutions
12	Duplicate question identification using NLP and LLM	SDG 4: Quality Education
13	ML-based classifications of shoulder pain pathologies	SDG 3: Good Health & Well-being
14	Personal remote quick cache database	SDG 9: Industry, Innovation & Infrastructure
15	Sign language using Flask technology	SDG 10: Reduced Inequalities
16	Multimodal agent for Healthcare Emotional support	SDG 3: Good Health & Well-being
17	Malware detection using machine learning	SDG 16: Peace, Justice & Strong Institutions
18	Ships classification using SAR Images and Aerial Videos for Real- time Tracking	SDG 14: Life Below Water
19	Gen AI application for the elderly	SDG 3: Good Health & Well-being
20	AI-based robot car	SDG 9: Industry, Innovation & Infrastructure
21	Fine-Tuning LLMs	SDG 9: Industry, Innovation & Infrastructure
22	Machine Learning Football Analysis system with YOLO, OpenCV, and Python	SDG 3: Good Health & Well-being
23	Olympic data analyser.	SDG 3: Good Health & Well-being
24	Sunbeams Vehicle	SDG 7: Affordable & Clean Energy
25	Quantum-Classical Machine Learning	SDG 9: Industry, Innovation & Infrastructure
26	AIOT wearable device for navigation	SDG 10: Reduced Inequalities
27	Drone-based intelligent system for apple orchard Management	SDG 2: Zero Hunger
28	Automated Plant Health Diagnosis Using Image Recognition and Machine Learning.	SDG 2: Zero Hunger
29	AidalClove (Healthcare App)	SDG 3: Good Health & Well-being
30	Windows Stem Security Tools	SDG 16: Peace, Justice & Strong Institutions
31	Mental Health Monitoring using AI	SDG 3: Good Health & Well-being
32	Cyberdrone	SDG 16: Peace, Justice & Strong Institutions

2.8 Steps Taken for Enhancing Industry Institute Partnerships (15)

Total Marks 15.00

Institute Marks : 15.00

This section expects the initiatives/actions taken to establish industry-institute partnership. Like connection with various industries, industry experts coming for guest lecture, BOS meetings, to conduct workshops, MOU signing, signed MOUs, etc. Needs support in form of pics.

In accordance with the university's mandate, each school is required to establish and maintain collaborations that consistently support institute–industry interaction. These partnerships play a crucial role in providing students with practical industrial exposure, thereby enhancing their employability and industry readiness.

These industry partners actively contribute by offering portfolio-based training and providing internships in relevant domain areas. They also engage in academic activities such as delivering domain-specific expert lectures, mentoring projects, and supporting entrepreneurial initiatives. Additionally, a dedicated Entrepreneurship Cell (E-Cell) at the university level facilitates industry collaboration and assists students in transforming innovative ideas into successful startups.

Table 2.8.1. Details of MoU signed

Sr. No.	Name of the Faculty/ Consultant	Name of consultancy project/service	Details of MoU	Sanctioned Amount (INR in Lakhs)
1	Dr. Shrikant Charhate Dr. Deepa Parasara Dr. S. Sangita Mishra	Traffic volume observation method using AI Technology.	Sunbeam Co. Ltd. Chiyoda City, Tokyo 101-0061, Japan Date: 28/11/2023 Duration: 1 Year	20
2	Dr. Shrikant Charhate	Civil Consultancy Services	Gubbi Civil Engineers, Thane, Maharashtra Date: 09/01/2023 Duration: 2 Years	1
3	Dr. Satheesh Abhimannan	APT detection in 5G networks (APTd5G)	University of Surrey, Guildford, Surrey GU2 7XH For successful funding bid to University of East Anglia ("UEA") under the Engineering and Physical Sciences Research Council (EPSRC) UK-India Future Networks Initiative Date: 13/12/2022 Duration: 6 Months	48.5 Lakh
4	Dr. Manjusha Joshi	Development of Electrodes	Wenzin Technologies Ltd. Bangalore, Karnataka Date: 20/11/2022 Duration: 2 Years	0.15
5	Dr. Deepa Parasara	Proximity Detection System for Continuous Mining Machines	JMS Mining Pvt Ltd, Kolkatta, WB, India Date: 03/06/2021 Duration: 2 Years	0.25
6	Dr. Shrikant Charhate	Qualitative Improvements in Technical Education	Centre of Excellence in Maritime & Shipbuilding, Powai, Mumbai-400072 Date: 03/02/2020 Duration: 2 Years	NA

3 OUTCOME-BASED ASSESSMENT (120)

Total Marks 95.00

3.1 Evaluation of Continuous Assessment: Assignments, Unit Tests, Mid-Term, etc. (10)

Total Marks 10.00

At Amity School of Engineering and Technology following tools and processes are implemented for student assessment: **Theory courses** [Mid Semester Examination (MSE), Assignments/Quiz, End Semester Examination (ESE)], **Practical courses** [Continuous Internal Evaluation and End Semester Examination (ESE)], Summer Internship and Dissertation Project [Thesis Evaluation and Oral Presentation]. Based on these the students subject knowledge is measured and attainment of Course Outcomes is analysed. The framework of CO assessment is shown in Fig. 3.1.

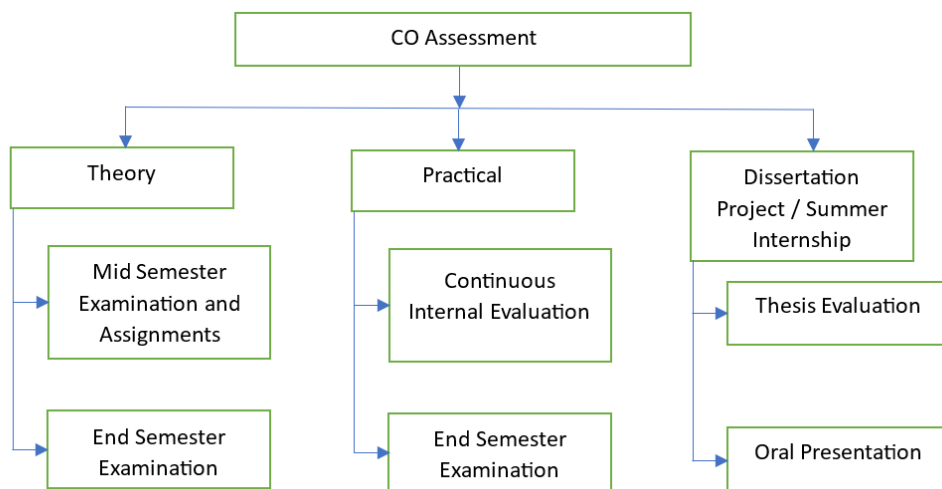


Figure 3.1 Course Outcome Assessment Framework

Mid Semester Examinations

The Mid Semester Examinations are conducted for each theory course in each semester for the duration of 1 hour. The examinations are conducted as per the academic and examination calendar. The weightage of mid semester examination component is 30 marks and it is conducted after completion of 40-50% of the syllabus.

Assignments/Quiz

To develop in-depth subject knowledge, assignments or quizzes are conducted for each subject. The course coordinator communicates assignment topic, submission dates and communicates the same in the class. Written Assignments/Seminars/Debates/skits are designed in such a way to promote self-learning from various sources. Assignments are evaluated, and feedback is given to the students to improve their learning and appreciate their efforts.

Practical

Continuous internal evaluation for each practical course is conducted during regular practical sessions based on performance and practical lab parameters.

3.2 Evaluation of the Semester End Exam (SEE) Question Paper (10)

Total Marks 10.00

Institute Marks : 10.00

End Semester Examinations

End Semester Examination is the metric to assess all Course Outcomes of both theory and practical courses. Examinations are conducted as per the university examination activity calendar, i.e. between December-January in the odd semester and between May-June in the even semester. Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) obtained by the students in the End Semester Examination in each course are taken to evaluate course outcomes.

3.3 Evaluation of Laboratory Work and Workshop (Continuous and SEE) (10)

Total Marks 10.00

Practical Courses

For practical courses, examinations are conducted as per the university's examination activity calendar. Students are asked to perform one experiment randomly, and Viva-voce is conducted. The rubrics for viva-voce are given in Table 3.3. Journal performance is part of continuous evaluation.

Table 3.3 Viva-voce Rubrics

Criterion	Excellent (4-5)	Satisfactory (2-3)	Needs Work (0-1)
Knowledge	Demonstrates comprehensive knowledge; answers all questions confidently.	Shows good knowledge, but has minor gaps in understanding.	Shows limited knowledge; cannot answer core questions.
Defense	Defends arguments with strong evidence and critical reasoning.	Defends arguments adequately but lacks depth in supporting evidence.	Unable to justify or defend research arguments.
Communication	Highly articulate, clear, and engaging throughout.	Generally clear, but occasionally lacks fluency or confidence.	Difficult to follow; poor communication skills.
Organization	Ideas are presented in a logical, cohesive flow.	Presentation is mostly logical; some areas are disorganized.	Lacks structure; ideas are disjointed and confusing.

3.4 Evaluation of Industrial Training/ Internship (Continuous and SEE) (10)

Total Marks 10.00

Institute Marks : 10.00

Students go for Summer Internship Program (SIP) twice during the program. One at the end of semester IV (SIP-I) and second at the end of semester VI (SIP-II). The duration of the SIP is four-six weeks and scheduled after the End Semester exams, as mentioned in the academic calendar. The credits for SIP-I and SIP-II are 2. After undergoing the SIP, the students present their work to an internal panel of examiners who evaluate them as per rubrics shown in Table 3.4. The rubrics for presentation are shown in Table 3.3.

Table 3.4 Rubrics for SIP-I and SIP-II

Components	Work Done	Project Report	Presentation	Total
Weightage (%)	40	20	40	100

3.5 Evaluation of Projects (20)

Total Marks 20.00

Project Work

According to the program curriculum, project work is conducted during Semesters VII and VIII. Students must submit their three project titles in Semester VII based on computer science domains are given in Fig. 3.5. Out of which one will be selected in discussion with their project guide.

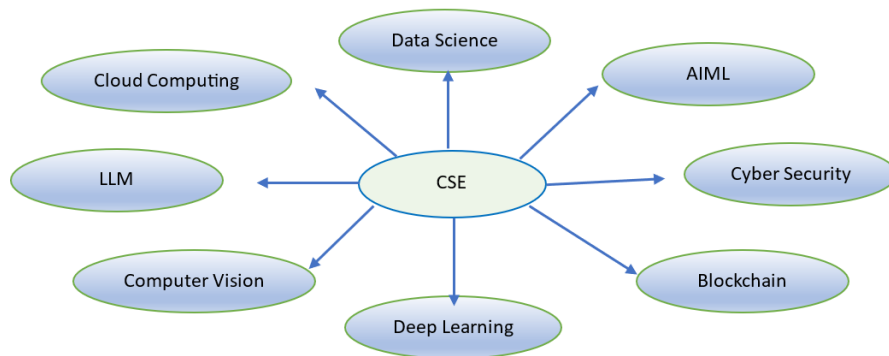


Figure 3.5 CSE Project Domains

At the end of the semester, the students present their work to an internal panel of examiners, who evaluate them based on the completion of their literature survey as per rubrics as shown in Table 3.5.1.

Table 3.5.1 Rubrics for major project of semester VII

Components	Literature study	Synopsis Report	Presentation	Total
Weightage (%)	40	20	40	100

During Semester VIII, students are required to undertake an individual dissertation project for six months. The evaluation of the project work is based on the marks awarded by the project guides, as well as the assessment of the thesis and project presentations conducted by internal panel members. A sample evaluation sheet for reference is given in Table 3.5.2.

Table 3.5.2 Rubrics for major project of semester VIII

Components	Fabrication/ Experimentation	Final Project Report	Presentation	Total
Weightage (%)	40	20	40	100

The curriculum mandates a two-phase project sequence spanning the final year of the program. In Semester VII, students initiate the process by selecting a specialized domain and project title, a decision made in direct consultation with an assigned project guide. This phase is dedicated to foundational research, culminating in a literature survey presented to an internal panel of examiners, who evaluate the work based on standardized rubrics.

The sequence progresses into Semester VIII, where the focus shifts to a six-month individual dissertation project. This rigorous period demands independent research and practical execution. The final evaluation is comprehensive, integrating the marks awarded by project guides with a formal assessment of both the completed thesis and the project presentations by designated panel members.

3.6 Evidence of Addressing Sustainable Development Goals (SDG) (10)

Total Marks 10.00

The institution actively integrates the United Nations Sustainable Development Goals (SDGs) into its academic framework to foster social responsibility and global citizenship. Evidence of this commitment is demonstrated through diverse student-led initiatives, including mini and major projects focused on clean energy and waste management, research publications addressing climate action. For example, students have developed IoT-based smart agriculture systems (SDG 2) and health monitoring platforms (SDG 3), directly mapping their technical outcomes to specific sustainability targets. Major project list along with mapped POs and SDGs as show in Table 3.6.

Table 3.6 Major Project Mapping with POs and SDGs

Group	Project Title (Short)	POs	Relevant SDGs
1	Amiride App	All POs	SDG 9, 11
2	Amieats	All POs	SDG 9
3	AI Defense System	All POs	SDG 16
4	Health & Fitness AI	All POs	SDG 3
5	Mineral Detection	All POs	SDG 9
6	Camera Heart Rate	All POs	SDG 3
7	Sunken Knight (Game)	All POs	SDG 4
8	AgriHub	All POs	SDG 2
9	Generative AI Platform	All POs	SDG 9
10	Neural Link	All POs	SDG 3
11	Autonomous Driving Validation	All POs	SDG 11
12	Wind & Load Forecasting	All POs	SDG 7, 13
13	Offline Voice Translator	All POs	SDG 10
14	AI Network Intrusion Detection	All POs	SDG 16
15	Smart Room Security	All POs	SDG 16
16	Crop Yield Prediction	All POs	SDG 2
17	RAG Legal Assistant	All POs	SDG 16
18	Neural Artistic Transfer	All POs	SDG 4
19	Cyberdrone	All POs	SDG 9
20	Duplicate Question Detection	All POs	SDG 4
21	AR Indoor Navigation	All POs	SDG 11
22	Shoulder Pain Classification	All POs	SDG 3
23	Remote Cache DB	All POs	SDG 9

3.7.1. Describe the Assessment Tools and Processes Used to Gather the Data for the Evaluation of Course Outcome (5)

Institute Marks : 5.00

Course outcomes are specific statements, framed based on the course content that clearly indicate what a student will be able to demonstrate in terms of knowledge, skills and values upon completing the course. COs are measurable in terms of attainment levels. Similarly, program outcomes (POs) and program specific outcomes (PSOs) describe what skills and abilities a student will gain at the end of the B.Tech Computer Science and Technology program. A clear articulation of COs, POs, and PSOs is essential for evaluating the effectiveness of the teaching and learning process. COs are mapped with POs and PSOs on a 3-point scale based on the course coverage: Level 3-Substantial, Level 2-Moderate and Level 1-Slight. A representative sheet is provided to show the COs, POs, PSOs and course articulation matrix of theory and practical course. The mapping of CO with POs and PSOs is demonstrated by representative CO-PO attainment sheets for a course.

CO Assessment Process for Theory Courses:

CO assessment process is based on the students performance in Mid Semester Examination (MSE), Assignments/quizzes and End Semester Examination (SSE). The process of evaluation of individual COs for the theory course is presented in the Table 3.7.1.1.

Table 3.7.1.1 Direct Assessment Tool for theory course

Assessment Tools Weightage (%)	CO1	CO2	CO3	CO4	CO5	CO6
Mid Semester Examination and Assignment	30	30	30	30	30	30
End Semester Examination	70	70	70	70	70	70
TOTAL (%)	100	100	100	100	100	100

CO Assessment Process for Practical Courses:

The CO assessment process for the practical courses is based on continuous internal evaluation and End Semester exam as presented in Table 3.7.1.2.

Table 3.7.1.2 Direct Assessment Tool for practical course

Assessment Tools Weightage (%)	CO1	CO2	CO3	CO4	CO5	CO6
Continuous Internal Evaluation	30	30	30	30	30	30
End Semester Practical	70	70	70	70	70	70
TOTAL (%)	100	100	100	100	100	100

CO Assessment Process for Project:

The course outcome assessment of the project is based on rubrics which typically involves description of problem, detailed literature survey, experimental procedures, results, discussion & conclusion, viva-voce and project outcome. The CO rubrics for the project work is presented in Table 3.7.1.3.

Table 3.7.1.3 CO assessment rubrics for project work

S.No.	Mapped COs	Assessment Rubrics
1	CO1	Description of Problem
2	CO2	Detailed Literature Survey
3	CO3	Experimental Procedures – Description, Methodology, Partial Implementation
4	CO4	Result and Discussion & Conclusion
5	CO5	Viva-voce – Presentation, Individual and Team Work, Project Report, Viva-voce Skills
6	CO6	Project Outcome

The comprehensive overview of the process adopted to map course outcomes is described in Table 3.7.1.4.

Table 3.7.1.4 The process of course outcome mapping with POs and PSOs

S.No.	Assessment Tool	Description	Frequency	Evaluation of CO	Related Pos/PSOs
1	Mid Semester Examination	Written Examination	Once in a Semester after 40 to 50% of syllabus completion	Each Question is Mapped against COs and Bloom's level (BL)	Corresponding CO are mapped with POs/PSOs
2	Assignments	Written Assignments/ Seminars/ Oral Presentation/ Skits/ Quizzes	Throughout the Semester	Assigned topics are mapped against COs	
3	Continuous Internal Evaluation	Assessment of students during practical	Throughout the Semester	Based on the COs mapped with the experiments	
1	End Semester Examination (Theory)	Written Examination	Once in a Semester	Each question in the question paper is mapped with an appropriate CO and BL	Corresponding CO are mapped with POs/PSOs

2	End Semester Examination (Practical)	Student is assigned any one experiment based on the list of experiments conducted, and viva-voce is taken on the concerned subject	Once in a Semester	Experiments are mapped with COs	
3	Summer Internship/ Major Project	Based on Continuous Assessment by Guides and Internal Panel	Summer Internship twice during the program (Semester V and VII), Mini Project once during the program (Semester VI) and Major Project twice during the program (Semester VII and VIII)	Rubrics of the project is mapped with the COs	

Course Exit Survey

A course exit survey is a feedback mechanism used to collect information from students by concerned faculty at the end of semester. The main objective is to assess the students comprehension of the course content. The surveys were conducted during the last week of the semester. The course coordinator thoroughly analyses the survey results and recommends necessary changes to the course design and teaching methods based on the feedback received.

3.7.2 Record the Attainment of Course Outcomes of all Courses with Respect to Set Attainment Levels (20)

Institute Marks : 20.00

Target setting and levels of CO Attainment:

The attainment of Course Outcomes (COs) for all courses is systematically recorded and evaluated against the set threshold levels.

For CO attainment, the threshold is set as at least 35% as discussed in the program advisory committee based on the analysis of student performance. The levels of CO attainment are 1, 2, and 3 as given in Table 3.7.2.1.

Table 3.7.2.1 Levels of CO Attainment

Attainment (%)	Description	Level
<35%	Not Attained	-
>=35 and <60	Slight	1
>=60 and <80	Moderate	2
>=80	Substantial	3

Various assessment tools as described in Table 3.7.4 are used to calculate the CO attainment based on student performance for each CO in every course. This involves recording scores and grades. The collected data is analysed to determine the extent to which students are achieving the COs against the set target levels. The weightage of different assessment tools for direct CO attainment is given in table 3.7.1 and 3.7.2.

Attainment of Course Outcomes

The question papers and assignments are designed meticulously to effectively assess the knowledge and skills. It is ensured that the questions were aligned with the defined COs of the course. Diverse types of questions are framed based on Blooms Taxonomy to assess different levels of cognitive ability. Each question is mapped to one or more COs to ensure comprehensive coverage. The set target is 50% in MSE/assignment and 35% or above in ESE which is expected to be attained by the students for that specific CO. For instance, the student should achieve at least 50% of assigned marks on questions related to a particular CO for its attainment. After calculating the CO attainment in terms of percentage, the CO attainment level is determined as per table 3.7.2.1.

The attainment analysis is useful in identifying areas where students need improvement. The records of the attainment analysis are maintained for each course. The attainment percentages are compared with the set benchmarks to determine the level of achievement.

Attainment of each course outcome is calculated for all the students based on the marks obtained.

The CO attainment percentage is determined as per calculations given below:

CO attainment in % = (Number of students scored more than or equal to target score in CO/Number of students) * 100

The CO attainment percentage is converted to attainment on a 3-point scale.

Attainment on 3-point scale CO attainment in % * 0.03

Likewise, attainment on a 3-point scale is calculated for MSE, Assignment and ESE in each course for all COs.

Calculation for Direct Attainment:

The direct attainment is calculated by considering 30% weightage of the average attainment in MSE & Assignments and 70% weightage of Attainment in ESE as per the following calculation.

Direct attainment on a 3-point scale = (0.3 * Average attainment in MSE & Assignment) + (0.7 * Attainment in ESE)

Calculation for Indirect Attainment:

The course exit survey is used as an Indirect assessment tool to assess attainment levels on a 3-point scale.

Calculation for Overall Attainment:

The overall attainment for each CO in the course is based on Direct and Indirect Attainment.

The overall attainment is calculated by considering 80% of the Direct attainment and 20% of the Indirect attainment as per the following formula.

Overall attainment on a 3-point scale = (0.8 * Direct attainment on 3-point scale) + (0.2 * Indirect Attainment on 3-point scale)

Overall attainment % of each CO = (Overall attainment on a 3-point scale/ 3) * 100. The CO attainment for the all the courses of 2021-2025 batch is given in the table 3.7.2.2.

Table 3.7.2.2 CO attainment for all the courses of 2021-2025 batch

Course Code	Course	Course Name	CO1	CO2	CO3	CO4	CO5	CO6
AM2101	C101	Applied Mathematics –I	2.9	2.97	2.95	2.95	2.95	2.95
AP2102	C102	Applied Physics - I -Fields & Waves	2.96	2.94	2.99	2.99	2.99	2.99
AC2103	C103	Applied Chemistry	2.97	2.98	3	3	3	3
CP2105	C104	Introduction to Computers and Programming in C C++	2.76	2.52	2.9	2.9	2.9	2.9
ES2106	C105	Electrical Science	2.95	2.55	2.8	2.8	2.8	2.8
AP2107	C106	Applied Physics - I Lab	3	3	3	3	3	3
AC2108	C107	Applied Chemistry Lab	3	3	3	3	3	3
CP2110	C108	Programming In C Lab	2.77	2.95	2.95	2.97	2.96	2.94
ES2111	C109	Electrical Science Lab	2.89	2.97	2.96	2.97	2.97	2.95
EME2109	C110	Elements Of Mechanical Engineering Lab	2.98	2.98	2.99	2.99	2.99	2.99
CSS2151	C111	Effective Listening	3	3	3	3	3	3
ENV2151	C112	Environmental Studies	2.72	2.67	2.95	2.95	2.95	2.95
AM2201	C113	Applied Mathematics-II	2.83	2.89	2.96	2.96	2.96	2.96
AP2202	C114	Applied Physics-II-Modern Physics	2.96	2.94	3	3	3	3
CP2203	C115	Object Oriented Programming Using Java	2.98	2.99	2.99	2.98	2.98	2.99
EM2204	C116	Engineering Mechanics	2.87	2.89	2.95	2.95	2.95	2.95
AP2205	C117	Applied Physics-II Lab	3	3	3	3	3	3
CP2206	C118	Object Oriented Programming Using Java Lab	2.98	2.99	2.99	2.98	2.98	2.99
EM2207	C119	Engineering Mechanics Lab	2.77	2.95	2.95	2.97	2.96	2.94
EG2208	C120	Engineering Graphics Lab	2.99	2.98	2.99	2.99	2.99	2.98
ENV2252	C121	Environmental Studies	2.77	2.78	3	3	3	3
CSS2252	C122	Presentation Skills	3	3	3	3	3	3
AM2301	C201	Applied Mathematics III	2.74	2.55	2.65	2.65	2.65	2.85
CSE2301	C202	Data Communication & Computer Networks	2.83	2.84	2.94	2.94	2.94	2.9448
CSE2302	C203	Database Management Systems	2.8	2.87	2.93	2.93	2.93	2.93
DSD2303	C204	Digital System Design	2.77	2.75	2.82	2.82	2.82	2.82

CSE2304	C205	Data Structures Using C	2.11	2.11	2.9	2.9	2.9	2.9
CSE2305	C206	Data Structures Using C Lab	2.21	2.38	2.39	2.4	2.4	2.39
DSD2313	C207	Digital System Design Lab	2.92	2.92	2.93	2.95	2.95	2.95
CSE2306	C208	Data Communication & Computer Networks Lab	2.99	3	2.99	2.99	3	3
CSE2307	C209	Database Management Systems Lab	2.82	2.82	2.92	2.93	2.92	3
CSS2351	C210	Reading & Comprehension	3	3	3	3	3	3
CSE2401	C211	Theory Of Automata & Computation	2.7	2.75	2.82	2.92	2.88	2.88
CSE2402	C212	Operating Systems	2.86	2.89	2.8	2.8	2.8	2.8
CSE2403	C213	Discrete Mathematics	2.67	2.68	2.76	2.76	2.76	2.96
CSE2404	C214	Computer Graphics	2.81	2.89	2.94	2.94	2.94	2.94
CSE2407	C215	Web Programming	2.92	2.95	2.76	2.96	2.76	2.76
CSE2408	C216	Python Programming	2.54	2.48	2.64	2.64	2.64	2.64
CSE2405	C217	Unix Programming Lab	2.85	2.86	2.85	2.89	2.88	2.88
CSE2406	C218	Computer Graphics Lab	2.76	2.94	2.95	2.96	2.96	2.95
CSE2409	C219	Web Programming Lab	2.79	3	2.78	2.8	2.8	2.99
CSE2410	C220	Python Programming Lab	2.72	2.56	2.56	2.57	2.97	2.75
CSS2451	C221	Corporate Communication	3	3	3	3	3	3
CSE2501	C301	Software Engineering	2.9	2.88	3	2.94	3	2.63
CSE2502	C302	Computer Architecture	2.81	2.76	2.84	2.84	2.84	2.84
CSE2503	C303	Analysis And Design of Algorithm	2.9	2.9	2.91	2.91	2.91	2.91
CSE2504	C304	Android Programming	2.9	2.9	2.9	2.9	2.9	2.9
CSE2505	C305	Analysis And Design of Algorithm Lab	2.79	2.95	2.95	2.96	2.96	2.95
CSE2506	C306	Android Programming Lab	2.68	2.88	2.887	2.83	2.84	2.84
CSE2507	C307	Artificial Neural Network	2.73	2.9	2.86	2.94	2.9	2.82
CSE2508	C308	Object-Oriented Analysis and Design	2.97	2.94	3	3	3	3
CSE2509	C309	Summer Internship Evaluation-I	3	3	3	3	3	3
CSS2551	C310	Employability Skills	3	3	3	3	3	3
CSE2601	C311	Microprocessor And Microcontroller	2.62	2.66	2.8	2.8	2.8	2.8
CSE2602	C312	System Programming & Compiler Construction	2.7	2.75	2.82	2.92	2.88	2.88
CSE2614	C313	Cryptography And System Security	2.89	2.85	3	3	3	3
AIML260	C314	Artificial Intelligence	2.82	2.68	2.8	2.8	3	3
AIML260	C315	Computer Vision & Image Processing	2.92	2.87	2.91	2.91	2.91	2.91
CSE2611	C316	Machine Learning	2.7	2.75	2.82	2.92	2.88	2.88
CCOE26	C317	Introduction To Cloud Computing	2.57	2.35	2.8	1.88	2.8	1.88
AIML260	C318	Business Intelligence	2.92	2.91	2.94	2.94	2.94	2.94
CSE2613	C319	Statistical Simulation and Data Analysis	1.73	1.63	1.79	1.79	1.79	1.79
CSE2605	C320	Microprocessor & Micro Controller Lab	2.71	2.62	2.96	2.76	2.8	3
CSE2606	C321	System Programming and Compiler Construction Lab	2.83	2.94	2.96	2.96	2.99	2.95
CSE2615	C322	Cryptography And System Security Lab	2.91	2.9	2.94	3	2.94	2.97
AIML260	C323	Artificial Intelligence Lab	2.86	2.79	2.9	2.91	2.95	2.91
AIML260	C324	Computer Vision & Image Processing Lab	2.96	2.98	2.99	2.99	2.99	2.99
AIML260	C325	Machine Learning Lab	2.84	2.95	2.96	2.97	3	2.95
CCOE26	C326	Cloud Computing Lab	2.8	2.6	2.6	2.6	2.6	2.6
CSE2608	C327	Advanced Java Programming Lab	2.76	2.94	2.95	2.96	2.96	2.95
CSE2616	C328	Mini-Project	3	3	3	3	3	3
CSS2651	C329	Workplace Communication	3	3	3	3	3	3
CSE2716	C401	Big Data Technology with Hadoop	2.94	2.66	3	3	3	3
CSE2710	C402	Cloud Computing	2.64	2.28	2.74	2.54	2.74	2.74
CSE2702	C403	Artificial Intelligence	2.76	2.76	2.92	2.92	2.92	2.92
AIML270	C404	Advanced Machine Learning	2.98	2.98	3	3	3	3
AIML270	C405	Natural Language Processing	2.7	2.75	2.82	2.92	2.88	2.88
DS2702	C406	Data Visualization	2.79	2.76	2.92	2.92	2.92	2.92
CCOE27	C407	Blockchain	3	3	3	3	3	3
CCOE27	C408	Cyber Security	2.73	2.73	2.82	2.82	2.82	2.82
CSE2715	C409	Digital Forensics	2.86	2.9	3	3	3	3
CSE2723	C410	Big Data Technology with Hadoop Lab	3	3	3	3	3	3
CSE2711	C411	Cloud Computing Lab	2.17	2.17	2.17	2.28	2.28	2.28
CSE2705	C412	Artificial Intelligence Lab	2.86	2.88	2.85	2.97	2.4	2.88
AIML270	C413	Advanced Machine Learning Lab	2.97	2.98	2.99	2.97	2.97	2.98
AIML270	C414	Natural Language Processing Lab	2.75	2.63	2.8	2.8	2.81	2.79
DS2704	C415	Data Visualization Lab	2.86	2.83	2.79	2.97	2.95	2.91
CCOE27	C416	Blockchain Lab	3	3	3	3	3	3
CCOE27	C417	Cyber Security Lab	2.86	2.91	2.93	2.98	2.96	2.96
CSE2735	C418	Summer Internship II(Evaluation)	3	3	3	3	3	3
CSE2712	C419	Major Project-A	3	3	3	3	3	3
CSS2751	C420	English-I	3	3	3	3	3	3
CSE2809	C421	Internet Of Things	2.6	2.8	3	3	3	3
CSE2811	C422	Digital Image Processing	3	2.82	3	3	3	3
AIML280	C423	Computer Modelling & Simulation	2.94	2.95	3	3	3	3
DS2801	C424	Linear And Non-Linear Optimization	2.85	2.28	2.91	2.91	2.91	2.91
CCOE28	C425	Vulnerability Analysis	2.68	2.43	2.33	2.33	2.33	2.33
CSE2804	C426	Pattern Recognition	2.75	2.72	2.86	2.86	2.86	2.86
CCOE28	C427	Game Theory	1.71	1.4	1.75	1.75	1.75	1.75
CSE2810	C428	Internet Of Things Lab	2.83	2.56	2.64	2.77	2.45	2.79
CSE2812	C429	Digital Image Processing Lab	2.82	2.82	2.96	2.91	2.91	2.91

AME280	C430	Computer Modeling & Simulation Lab	2.97	2.94	2.98	2.98	2.98	2.97
DS2802	C431	Linear And Non-Linear Optimization Lab	2.65	2.67	2.83	2.43	2.45	2.63
CCCS28	C432	Vulnerability Analysis Lab	2.95	3	2.98	2.98	2.98	3
CSE2807	C433	Pattern Recognition Lab	2.86	2.83	2.9	2.92	2.92	2.93
CCCS28	C434	Game Theory Lab	2.74	2.97	2.94	2.95	2.98	2.94
CSE2802	C435	Project-II	3	3	3	3	3	3
CSS2851	C436	English-II	3	3	3	3	3	3

3.8 Attainment of Program Outcomes and Program Specific Outcomes (25)

Institute Marks :

PO Attainment for Batch 21-25

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	2.78	2.62	1.97	2.30	1.97	0.00	0.00	0.00	0.00	0.00	0.00	1.97
C102	2.98	2.38	0.00	1.98	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99
C103	2.99	2.39	0.00	1.99	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
C104	2.84	2.36	2.08	0.00	1.73	0.00	0.00	0.00	0.00	0.95	0.95	0.00
C105	2.79	2.79	2.79	0.93	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86
C106	2.83	2.00	0.00	2.33	2.00	0.00	0.00	0.00	2.00	1.00	0.00	0.00
C107	3.00	2.50	0.00	3.00	2.00	1.00	1.00	0.00	1.00	1.00	0.00	2.00
C108	2.89	2.42	2.46	1.96	1.97	0.00	0.00	0.00	1.97	0.98	0.98	1.13
C109	2.95	2.95	2.95	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C110	2.49	1.99	1.33	1.00	1.83	1.49	1.49	1.00	1.99	1.66	1.00	1.00
C111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	3.00
C112	1.21	1.48	2.23	0.98	1.97	1.75	1.75	1.58	0.00	1.48	0.00	1.42
C113	2.76	2.56	2.42	2.44	2.44	2.59	2.59	2.40	2.83	2.83	2.83	2.83
C114	2.88	2.41	0.00	2.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	1.47
C115	2.77	2.60	2.60	1.76	2.28	0.00	0.00	0.00	0.00	0.98	0.00	1.46
C116	2.93	2.44	0.00	0.98	0.96	0.98	0.98	0.00	0.00	0.00	0.00	0.98
C117	2.83	2.40	0.00	2.17	2.00	3.00	3.00	0.00	2.00	0.00	0.00	0.00
C118	2.82	2.65	2.82	1.82	2.99	0.00	0.00	0.00	0.00	1.00	0.00	1.99
C119	2.76	2.28	0.99	2.43	1.79	0.00	0.00	0.00	0.97	0.97	0.00	0.97
C120	2.99	1.59	1.49	0.00	2.16	0.00	0.00	0.00	0.00	0.99	1.00	0.99
C121	1.46	2.39	1.69	0.00	1.93	2.28	2.28	2.33	0.00	0.00	1.85	1.47
C122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	3.00
C201	2.68	2.32	1.80	1.76	1.83	0.00	0.00	0.00	0.00	0.00	1.90	1.81
C202	2.42	2.10	1.22	1.70	1.62	0.98	2.42	0.98	2.42	0.98	2.42	1.13
C203	2.72	2.72	2.72	0.00	1.92	2.72	2.72	2.72	2.72	2.72	2.72	1.92
C204	2.80	2.03	2.06	1.88	2.25	0.00	0.00	0.00	0.00	0.00	0.00	1.09
C205	2.85	2.07	2.10	1.53	2.38	0.00	0.00	0.00	0.00	0.00	0.00	1.17
C206	2.36	1.71	1.91	1.59	1.45	1.33	1.33	0.00	0.00	0.00	0.00	1.71
C207	2.84	2.52	2.45	1.88	1.89	0.00	0.00	0.00	0.95	0.95	0.95	1.10
C208	2.00	1.66	1.50	1.25	1.66	2.00	2.00	2.00	1.33	1.50	1.00	1.16
C209	2.85	2.85	2.85	0.00	1.90	2.85	2.85	2.85	2.85	2.85	2.85	1.90
C210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	3.00
C211	2.66	1.89	2.21	1.58	1.89	1.44	0.97	0.96	0.96	1.44	2.22	2.83
C212	2.83	2.83	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C213	2.76	2.76	2.76	0.00	1.86	0.00	0.00	0.00	0.00	0.00	2.09	0.00
C214	2.74	1.94	2.34	1.76	1.94	0.98	1.94	0.98	1.96	1.96	1.96	2.10
C215	2.85	2.53	2.37	2.08	2.69	1.84	1.84	1.84	1.84	1.84	1.84	2.11
C216	2.59	2.31	2.20	1.76	2.05	1.76	1.76	1.76	1.76	0.88	0.88	1.01
C217	2.87	2.87	2.87	0.00	2.87	1.91	1.91	1.91	1.91	1.91	1.91	1.91
C218	2.92	2.11	2.36	1.97	1.79	1.64	1.64	1.64	1.64	1.64	1.64	2.11
C219	2.70	2.70	2.55	2.07	2.86	1.90	1.90	1.90	1.90	1.90	1.90	2.07

C220	2.69	1.93	2.14	1.79	1.65	1.54	1.54	1.94	1.94	1.94	1.94	1.94
C221	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	3.00
C301	2.43	2.33	2.68	2.00	2.30	1.76	1.76	1.76	1.76	1.76	2.18	1.93
C302	2.82	2.20	1.41	1.57	1.41	0.00	0.00	0.00	0.00	0.95	0.00	1.26
C303	2.91	2.91	2.91	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94
C304	2.40	1.92	2.12	1.93	2.57	1.60	0.00	0.96	1.93	1.28	1.28	2.24
C305	2.93	2.12	2.36	1.97	1.80	1.64	1.64	2.12	2.12	2.12	2.12	2.12
C306	2.14	1.81	2.37	1.98	2.96	1.48	1.48	0.99	1.98	1.24	1.32	2.31
C307	2.86	2.23	2.22	2.23	2.56	0.95	1.75	0.95	1.27	0.95	1.91	2.86
C308	2.82	2.49	2.49	1.40	1.83	1.99	1.99	1.99	1.99	1.00	1.99	1.50
C309	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
C310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	3.00
C311	2.95	2.95	2.95	0.00	1.96	0.00	0.00	0.00	0.00	0.00	0.00	1.96
C312	2.59	2.59	2.46	1.79	2.13	2.45	2.45	2.45	2.45	1.00	1.63	1.78
C313	2.96	2.96	2.96	0.00	0.00	1.97	1.97	1.97	1.97	1.97	1.97	1.97
C314	2.91	2.27	1.94	1.76	1.79	1.61	1.30	1.45	1.70	2.11	2.11	2.11
C315	2.90	2.10	2.13	1.55	2.42	2.42	2.42	2.42	2.42	2.42	2.42	1.13
C316	2.84	2.84	2.38	1.74	2.22	2.54	2.54	2.54	2.54	0.97	2.54	1.58
C317	2.38	2.08	1.53	1.25	1.46	1.09	1.09	1.56	1.56	1.56	1.04	1.59
C318	2.44	2.77	2.12	2.12	2.77	1.76	1.76	1.31	1.23	1.63	1.17	1.47
C319	1.75	1.27	1.29	0.94	1.46	1.56	1.56	1.56	1.56	1.56	1.56	0.68
C320	2.97	2.97	2.97	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C321	2.88	2.56	2.40	1.92	2.08	1.62	2.41	2.40	2.40	2.40	2.40	2.40
C322	2.94	2.94	2.94	1.96	2.94	1.96	1.96	1.96	1.96	1.96	1.96	1.96
C323	2.92	2.26	2.28	1.95	2.75	1.14	0.97	0.97	1.14	0.97	1.30	1.30
C324	2.98	2.49	1.83	1.99	2.98	2.65	2.65	2.65	2.65	2.65	2.65	1.66
C325	2.88	2.56	2.40	1.92	2.08	1.62	2.41	2.40	2.40	2.40	2.40	2.40
C326	2.33	2.20	1.74	1.10	2.08	1.76	1.76	1.76	1.76	1.37	1.73	1.76
C327	2.90	2.59	2.43	1.97	2.43	1.97	1.97	1.97	1.31	1.13	0.98	1.95
C328	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
C329	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	3.00
C401	2.91	2.60	2.17	2.17	2.60	1.98	1.98	1.93	1.98	1.98	2.11	0.00
C402	2.88	2.56	1.94	1.53	1.96	1.96	1.96	1.96	1.96	1.31	1.92	0.00
C403	2.88	2.25	1.92	1.79	1.75	1.63	1.46	1.75	2.08	2.08	2.08	0.00
C404	2.99	2.83	2.33	2.00	2.00	2.00	2.00	2.00	1.00	2.00	1.83	0.00
C405	2.51	2.53	2.40	1.75	2.08	2.39	2.39	2.39	2.39	0.97	1.58	0.00
C406	2.09	2.58	2.10	2.27	2.28	1.17	1.00	0.98	1.46	1.00	1.63	0.00
C407	3.00	2.33	3.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	2.00	0.00
C408	2.01	2.48	1.88	1.87	2.33	1.87	1.87	1.87	1.87	1.87	1.87	0.00
C409	2.79	2.15	1.99	2.59	2.59	0.95	1.62	0.98	2.00	1.00	1.15	0.00
C410	3.00	2.67	1.83	1.33	2.17	2.00	2.00	2.00	1.67	2.00	2.00	0.00
C411	3.00	3.00	3.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00
C412	2.98	2.31	2.32	1.99	2.81	1.16	0.99	0.99	1.16	0.99	1.33	0.00
C413	2.81	2.81	2.48	2.32	2.98	1.98	1.98	1.98	0.99	1.98	1.98	0.00

C414	2.76	1.99	2.15	1.84	1.70	1.56	2.15	2.15	2.15	2.15	2.00	0.00
C415	2.24	2.57	2.44	1.93	2.73	1.94	1.94	1.94	1.94	1.94	1.94	0.00
C416	2.33	2.17	2.20	2.00	1.67	2.00	2.00	2.00	2.00	2.00	2.00	0.00
C417	2.12	2.61	2.96	1.96	2.77	1.97	1.97	1.97	1.97	1.97	1.97	0.00
C418	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	0.00
C419	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	0.00
C420	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	0.00
C421	2.90	2.90	2.76	1.93	1.93	1.93	1.92	1.92	1.92	1.92	1.92	0.00
C422	2.97	2.32	2.39	2.19	2.32	2.50	2.50	2.50	2.46	2.50	1.81	0.00
C423	2.98	2.32	1.99	2.39	2.32	0.00	0.00	0.00	0.00	1.00	1.49	0.00
C424	2.81	2.81	2.81	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	0.00
C425	1.63	2.00	2.40	1.75	1.59	1.55	1.17	1.55	1.55	1.55	1.55	0.00
C426	2.82	2.19	2.14	2.27	2.14	1.10	1.10	1.10	1.10	1.10	1.10	0.00
C427	1.59	1.10	1.35	1.00	1.12	0.58	0.58	1.16	1.16	1.16	1.22	0.00
C428	2.88	2.88	2.88	2.88	2.88	1.92	1.92	1.92	1.92	1.92	1.92	0.00
C429	2.24	2.89	2.26	1.93	2.09	1.46	0.99	0.97	0.96	0.96	1.93	0.00
C430	2.97	2.64	2.14	2.31	2.64	0.00	0.00	0.00	1.39	1.24	1.49	0.00
C431	2.89	2.89	2.89	2.89	2.89	1.93	0.00	0.00	0.00	0.00	1.93	0.00
C432	2.15	2.48	1.98	2.19	2.79	1.50	1.50	1.49	1.49	1.49	1.49	0.00
C433	2.89	2.10	1.93	2.32	2.32	0.97	0.97	0.97	0.97	0.97	1.13	0.00
C434	2.92	2.11	2.36	1.97	1.79	1.65	0.00	0.00	0.00	0.00	2.11	0.00
C435	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	0.00
C436	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	0.00

PO Attainment Indirect

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Program Exit	2.50	2.35	2.24	1.70	2.10	1.78	1.67	1.75	1.87	1.62	1.82	1.81

PO Attainment Level

Note: The Institution can fix the weightage of the indirect attainment maximum up to 20%.

Define the Weightage for Indirect Attainment: 20.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	2.70	2.42	2.31	1.95	2.17	1.84	1.89	1.85	1.98	1.78	1.96	1.88
Indirect Attainment	2.50	2.35	2.24	1.70	2.10	1.78	1.67	1.75	1.87	1.62	1.82	1.81
Overall Attainment	2.66	2.41	2.30	1.90	2.16	1.83	1.85	1.83	1.96	1.75	1.93	1.87

PSO Attainment

Course	PSO1	PSO2	PSO3
C101	2.30	2.16	0.00
C102	1.32	1.49	0.00
C103	1.33	1.50	0.00
C104	2.05	2.68	0.97
C105	2.79	1.86	1.69
C106	1.00	0.00	0.00
C107	2.33	0.00	0.00
C108	1.78	2.89	1.64
C109	0.00	1.97	0.00
C110	1.49	1.00	1.49
C111	0.00	0.00	3.00
C112	0.00	0.00	0.93
C113	2.40	2.57	2.59
C114	2.43	1.31	0.00
C115	2.77	2.77	0.00
C116	1.95	0.00	0.00
C117	1.67	1.00	0.00
C118	2.99	2.99	0.00
C119	2.28	0.00	0.98
C120	1.83	1.49	1.16
C121	0.00	0.00	1.25
C122	0.00	0.00	3.00
C201	2.02	2.02	0.00
C202	1.78	2.27	0.98
C203	1.92	2.88	2.72
C204	2.65	2.80	1.09
C205	2.54	2.69	0.97
C206	1.83	2.24	0.00
C207	2.21	2.52	0.95
C208	1.50	2.00	1.00
C209	1.90	2.85	2.85
C210	0.00	0.00	3.00
C211	2.04	2.68	1.10
C212	1.88	2.83	0.00
C213	2.10	2.46	1.97
C214	2.10	2.75	1.47
C215	2.69	2.69	1.84
C216	1.60	2.59	1.46
C217	1.91	2.87	1.91
C218	2.26	2.77	1.64
C219	2.86	2.86	1.90
C220	2.10	2.54	1.94

C221	0.00	0.00	3.00
C301	2.43	1.08	1.77
C302	1.88	2.82	0.00
C303	1.94	2.91	1.94
C304	2.40	2.73	1.20
C305	2.27	2.77	2.12
C306	2.82	2.82	2.82
C307	2.54	2.71	1.42
C308	1.83	1.99	1.99
C309	3.00	3.00	3.00
C310	0.00	0.00	3.00
C311	1.96	2.95	0.00
C312	2.44	2.77	2.45
C313	1.97	2.96	1.97
C314	2.11	2.76	1.14
C315	2.58	2.74	0.97
C316	2.53	2.69	2.53
C317	2.11	2.28	1.26
C318	2.77	2.44	1.76
C319	1.56	1.65	1.56
C320	1.98	2.97	0.00
C321	2.23	2.73	2.40
C322	1.96	2.94	1.96
C323	2.28	2.92	1.14
C324	2.65	2.98	2.65
C325	2.23	2.73	2.40
C326	2.33	2.49	1.60
C327	2.12	2.90	1.30
C328	3.00	3.00	3.00
C329	0.00	0.00	3.00
C401	2.76	2.76	1.13
C402	2.57	2.74	1.61
C403	2.08	2.72	1.12
C404	2.83	2.83	2.00
C405	2.38	2.70	2.39
C406	2.59	2.73	1.13
C407	2.50	2.17	1.17
C408	2.79	1.86	2.19
C409	2.80	2.80	1.15
C410	2.67	2.17	1.50
C411	2.67	2.83	2.00
C412	2.32	2.98	1.16
C413	2.98	2.98	1.98
C414	2.15	2.61	2.15

C415	2.89	2.25	1.94
C416	2.33	2.50	2.00
C417	2.93	2.45	1.97
C418	3.00	3.00	3.00
C419	3.00	3.00	3.00
C420	0.00	0.00	3.00
C421	2.88	1.92	1.92
C422	2.32	2.81	1.49
C423	2.48	2.32	1.00
C424	2.81	1.87	1.87
C425	1.87	1.33	1.17
C426	2.66	2.66	1.10
C427	1.22	1.59	0.87
C428	2.88	1.92	1.92
C429	1.77	2.09	1.93
C430	2.64	2.80	0.99
C431	2.89	1.93	1.93
C432	2.49	1.82	1.50
C433	2.73	2.73	1.13
C434	2.26	2.77	0.00
C435	3.00	3.00	3.00
C436	0.00	0.00	3.00

PSO Attainment Indirect

Survey	PSO1	PSO2	PSO3
Program Exit Survey	2.20	2.34	1.71

PSO Attainment Level

Course	PSO1	PSO2	PSO3
Direct Attainment	2.31	2.47	1.84
InDirect Attainment	2.20	2.34	1.71
OverallAttainment	2.28	2.45	1.81

4 STUDENTS' PERFORMANCE (120)

Total Marks 96.97

Table No. 4A: Admission details for the program excluding those admitted through multiple entry and exit points.

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE / Competent authority)	60	60	60	60	60	60	60
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	60	60	60	60	60	60	52
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	6	6	6	6	6	5
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	60	66	66	66	66	66	57

Table No. 4B: Admission details for the program through multiple entry and exit points.

	Item (No. of students admitted/exited through multiple entry and exit points) in the respective batch	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (LYG)	2020-21 (LYGm1)	2019-20 (LYGm2)
N52=No. of students admitted in 2nd year via multiple entry and exit points in same batch	N52=No. of students admitted in 2nd year via multiple entry and exit points in same batch	0	0	0	0	0	0	0
N53=No. of students admitted in 3rd year via multiple entry and exit points in same batch	N53=No. of students admitted in 3rd year via multiple entry and exit points in same batch	0	0	0	0	0	0	0
N54=No. of students admitted in 4th year via multiple entry and exit points in same batch	N54=No. of students admitted in 4th year via multiple entry and exit points in same batch	0	0	0	0	0	0	0
N5=N52+N53+N54	N5=N52+N53+N54	0	0	0	0	0	0	0
N61=No. of students exits after 1st year via multiple entry and exit points in same batch	N61=No. of students exits after 1st year via multiple entry and exit points in same batch	0	0	0	0	0	0	0
N62=No. of students exit after 2nd year via multiple entry and exit points	N62=No. of students exit after 2nd year via multiple entry and exit points	0	0	0	0	0	0	0
N63=No. of students exit after 3rd year via multiple entry and exit points in same batch	N63=No. of students exit after 3rd year via multiple entry and exit points in same batch	0	0	0	0	0	0	0
N6=N61+N62+N63	N6=N61+N62+N63	0	0	0	0	0	0	0

Table No. 4C: No. of students graduated within the stipulated period of the program.

Year of entry	Total no. of students (N1 + N2 + N3+ N4 + N5 - N6 as defined above)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]			
		I year	II year	III year	IV year
2025-26 (CAY)	60				
2024-25 (CAYm1)	66	60			
2023-24 (CAYm2)	66	60	66		
2022-23 (CAYm3)	66	60	66	66	
2021-22 (LYG)	66	60	66	66	66
2020-21 (LYGm1)	66	60	66	66	66
2019-20 (LYGm2)	66	52	51	51	50

4.1 Enrolment Ratio (20)

Total Marks 20.00
Institute Marks : 20.00

Get Details from Table 4.1

Table No.4.1.1: Student enrolment ratio in the 1st year.

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	60	60	0	100.00
2024-25 (CAYm1)	60	60	0	100.00
2023-24 (CAYm2)	60	60	0	100.00

Average [(ER1 + ER2 + ER3) / 3] = 100.00 ÷ 20.00

Assessment : 20.00

4.2 Success Rate of the Students in the Stipulated Period of the Program (15)

Total Marks 13.79
Institute Marks : 13.79

Table No.4.2.1: The success rate in the stipulated period of a program.

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	66.00	66.00	66.00
B=No. of students who graduated from the program in the stipulated course duration	66.00	66.00	50.00
Success Rate (SR)= (B/A) * 100	100.00	100.00	75.76

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 91.92

SR Points : 13.79

Note *: If the value of A in Table No. 4.2.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No. 4.2.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2).

4.3 Academic Performance of the First-Year Students of the Program (10)

Total Marks 8.10

Institute Marks : 8.10

Table No.4.3.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
Mean of CGPA or mean percentage of all successful students(X)	8.05	8.38	7.87
Y=Total no. of successful students	60.00	60.00	60.00
Z=Total no. of students appeared in the examination	60.00	60.00	60.00
API [X*(Y/Z)]	8.05	8.38	7.87

Average API[(AP1+AP2+AP3)/3] : 8.10

Assessment = Average API : 8.10

4.4 Academic Performance of the Second Year Students of the Program (10)

Total Marks 8.02

Institute Marks : 8.02

Table No.4.4.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2nd year/10)	8.26	7.83	7.97
Y=Total no. of successful students	66.00	66.00	66.00
Z=Total no. of students appeared in the examination	66.00	66.00	66.00
API [X * (Y/Z)]	8.26	7.83	7.97

Average API [(AP1 + AP2 + AP3)/3] : 8.02

Assessment [AverageAPI] : 8.02

4.5 Academic Performance of the Third Year Students of the Program (10)

Total Marks 8.15

Institute Marks : 8.15

Table No.4.5.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	8.05	8.19	8.23
Y=Total no. of successful students	66.00	66.00	66.00
Z=Total no. of students appeared in the examination	66.00	66.00	66.00
API [X*(Y/Z)]:	8.05	8.18	8.23

Average API [(AP1 + AP2 + AP3)/3] : 8.15

Assessment [1.5 * AverageAPI] : 8.15

4.6 Placement, Higher Studies and Entrepreneurship (30)

Total Marks 25.91

Institute Marks : 25.91

Table No. 4.6.1: Placement, higher studies, and entrepreneurship details.

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	66.00	66.00	66.00
X=No. of students placed	57.00	58.00	41.00
Y=No. of students admitted to higher studies	4.00	3.00	4.00
Z= No. of students taking up entrepreneurship	2.00	1.00	1.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	95.45	93.94	69.70

Average Placement Index = (P_1 + P_2 + P_3)/3: 86.36

Placement Index Points: 25.91

4.7 Professional Activities (25)

Total Marks 13.00

Table No. 4.7.1.1: List of active professional societies/bodies/chapters/clubs.

S.No	Name of the Professional Societies/Bodies, Chapters, Clubs
1	Google Developer Goups On Campus
2	AIKOSH
3	Algorand Blockchain Club

Table No. 4.7.1.2: List of events/programs organized.
(CAYm1) 2024-25

S.No	Name of the Professional Societies/Bodies, Chapters, Clubs	Name of the Event	National/International level	Date of Event (DD/MM/YYYY)
1	Google Developer Goups On Campus	GDG On Campus Inauguration Event.	National Level	18/09/2024
2	Google Developer Goups On Campus	GDG On Campus, Orientation Session	National Level	10/09/2024
3	Google Developer Goups On Campus	GenAI Study Jams	National Level	01/10/2024
4	Google Developer Goups On Campus	GenAI Study Jams: Master Google Cloud with Skill Boost Labs	National Level	02/10/2024
5	Google Developer Goups On Campus	Explore the Future with AI/ML: Join Our Intro Session!	National Level	03/10/2024
6	Google Developer Goups On Campus	Uncover the World of Cybersecurity: Join Our Intro Session!	National Level	04/10/2024
7	Google Developer Goups On Campus	Design the Web: Exploring the World of Web Development	National Level	10/10/2024
8	Google Developer Goups On Campus	AI/ML Project Kickoff: Form Your Dream Team	National Level	10/10/2024
9	Google Developer Goups On Campus	Getting Started with Android Development	National Level	11/10/2024
10	Google Developer Goups On Campus	Python Workshop	National Level	23/10/2024
11	Google Developer Goups On Campus	Intro to UX Development - Building User-Centered Designs	National Level	05/11/2024
12	Google Developer Goups On Campus	Build with AI: A Journey into Generative Intelligence	National Level	06/11/2024
13	Google Developer Goups On Campus	Fundamentals of Python	National Level	11/11/2024
14	Google Developer Goups On Campus	Cybersecurity Session 1: Getting Started & Tool Setup	National Level	12/11/2024
15	Google Developer Goups On Campus	HTML Foundations: Building the Web from Scratch	National Level	13/11/2024
16	Google Developer Goups On Campus	Python Project Competition	National Level	14/11/2024
17	Google Developer Goups On Campus	Project Discussion	National Level	19/11/2024
18	Google Developer Goups On Campus	AI/ML Upcoming Events For 2024	National Level	19/11/2024
19	Google Developer Goups On Campus	Numpy And Hands On	National Level	22/11/2024
20	Google Developer Goups On Campus	Android Basics with Kotlin	National Level	22/11/2024
21	Google Developer Goups On Campus	Cybersecurity Session 2: Basic Linux Commands and Wireshark Sniffing	National Level	23/11/2024
22	Google Developer Goups On Campus	Pandas & Hands-on	National Level	25/11/2024
23	Google Developer Goups On Campus	Matplotlib & Hands-on	National Level	30/11/2024
24	Google Developer Goups On Campus	Tech Winter Break - GDG On Campus, Amity University	National Level	04/12/2024
25	Google Developer Goups On Campus	AI/ML Project Competition 2.0	National Level	07/12/2024
26	Google Developer Goups On Campus	Tech Winter Break + GDG on Campus Amity University - Mumbai, India	National Level	30/12/2024
27	Google Developer Goups On Campus	Tech Winter Break + GDG on Campus Amity University - Mumbai, India	National Level	07/01/2025
28	Google Developer Goups On Campus	Solutions Challenge: AI for a better tomorrow	National Level	13/01/2025
29	Google Developer Goups On Campus	AI/ML Project Competition	National Level	13/01/2025
30	Google Developer Goups On Campus	Solutions Challenge: AI for a better tomorrow	National Level	06/02/2025
31	Google Developer Goups On Campus	UX Design Mastery: Introduction to UX & Figma for GDG Solutions Challenge (Day 1)	National Level	10/02/2025
32	Google Developer Goups On Campus	UX Design Mastery: Introduction to UX & Figma for GDG Solutions Challenge (Day 2)	National Level	11/02/2025
33	Google Developer Goups On Campus	AI/ML Unleashed: From Data Preprocessing to Intelligent Solutions	National Level	13/02/2025
34	Google Developer Goups On Campus	Unlocking the Secrets: A Session on Cryptography	National Level	16/02/2025
35	Google Developer Goups On Campus	AI/ML Unleashed: From Data Preprocessing to Intelligent Solutions (Session 2)	National Level	25/02/2025
36	Google Developer Goups On Campus	Solutions Challenge: Ready to kick off	National Level	04/03/2025
37	Google Developer Goups On Campus	Mastering Model Training & Evaluation : A Hands-On Session with GDG AIML	National Level	12/03/2025
38	Google Developer Goups On Campus	Train Like a Pro: Mastering ML Model Training & Evaluation	National Level	16/04/2025

(CAYm2) 2023-24

S.No	Name of the Professional Societies/Bodies, Chapters, Clubs	Name of the Event	National/International level	Date of Event (DD/MM/YYYY)
1	Google Developer Group on Campus	Webinar	National Level	12/09/2023
2	Google Developer Group on Campus	Webinar	National Level	24/11/2023
3	Google Developer Group on Campus	Webinar	National Level	26/11/2023
4	Google Developer Group on Campus	Webinar	National Level	29/11/2023
5	Google Developer Group on Campus	Webinar	National Level	22/02/2024
6	Google Developer Group on Campus	Webinar	National Level	25/02/2024

(CAYm3) 2022-23

S.No	Name of the Professional Societies/Bodies, Chapters, Clubs	Name of the Event	National/International level	Date of Event (DD/MM/YYYY)
1	Google Developer Groups On Campus	Hackathon	National Level	14/02/2023
2	Google Developer Groups On Campus	Blockchain	National Level	10/05/2023
3	Google Developer Groups On Campus	Cyber Crime Prevention & Detection	National Level	17/10/2022
4	Google Developer Groups On Campus	New Age B. Tech CSE with Data Science/AI/ML/IoT/Cloud Computing and Cyber	National Level	12/09/2022
5	Google Developer Groups On Campus	Cyber Crime Prevention & Detection	National Level	15/07/2022
6	Google Developer Groups On Campus	Webinar	National Level	15/07/2022
7	Google Developer Groups On Campus	Webinar	National Level	12/09/2022
8	Google Developer Groups On Campus	Quiz	National Level	16/09/2022

4.7.2 Student's Participations in Professional Events (10)

Institute Marks : 5.00

Table No. 4.7.2.1: List of students participated in professional events.

(CAYm1) 2024-25

S.No	Name of the Student	Name of the Event	State /State /National/ International level	Date of Event (DD/MM/YYYY)	Name of Award
1	Khurram Rashid	CSI Ideathon 2024	National	31/08/2024	Second Prize
2	Jahnvi Srivastava	Ideathon	State	21/09/2024	Participation Certificate
3	A70405223106	Intra-Project and Poster Competition, Amity School Of Engineering & Technology, Amity University Mumbai	National	26/09/2024	Third Prize
4	Khurram Rashid	Gen AI Study Jams 2025	National	01/10/2024	Certificate Of Completion
5	Yatindra Malpani	Nasa Hackathon	International	05/10/2024	3rd Place, Trophy and Certificate
6	Vaishnavi Poddar	Nasa Space App Challenge	International	05/10/2024	local event winner
7	Indranil Thorat	NASA space app challenge	International	05/10/2024	local event winner
8	Khurram Rashid	AI for Impact APAC Hackathon 2024, By Google Cloud	National	25/11/2024	Certificate of Achievement
9	Khurram Rashid	Annual Internation Conference(AIC-RAETHM 2025) at Vidhyapeeth institute of science & technology	International	10/01/2025	Certificate Of Paper Presentation
10	Khurram Rashid	AI ML workshop, at IIT Bombay	National	11/01/2025	Certificate of workshop Completion
11	Khurram Rashid	GEN AI workshop at IIT Delhi	National	18/01/2025	Certificate of Completion
12	Khurram Rashid	Ethical Hacking Workshop, AT IISC Bangaluru	National	01/02/2025	Certificate of Completion
13	Khurram Rashid	Internation Conference ICRBSS 2025, at SRM Institute of science and technology	International	15/02/2025	Certificate of research paper presentation
14	Khurram Rashid	Web Development Workshop at IIT Hyderabad	National	16/02/2025	Certificate of workshop Completion
15	Jahnvi Srivastava	Realms Hackathon	State	19/02/2025	Participation Certificate
16	Khurram Rashid	REALMS XR Hackathon, KJ Somaiya, Mumbai	National	20/02/2025	Certificate of Participation
17	Vaishnavi Poddar	K! HACKS 2.0	State	25/03/2025	Participation Certificate
18	Yatindra Malpani	Nirman Hackathon	National	27/03/2025	Participation Certificate

(CAYm2) 2023-24

S.No	Name of the Student	Name of the Event	State /National/International level	Date of Event (DD/MM/YYYY)	Name of Award
1	Mohammed Daanish Shaikh	Rajasthan police hackathon	State	17/01/2024	Runner up anti hostile drone
2	Mohammed Daanish Shaikh	Pw ioi vishwas divas idea hackathon	State	18/02/2024	First prize as solo team against 13 teams
3	Isheta Bhatt	HACKX 2.0 Hackathon, NMIMS Kharghar	National	17/03/2024	3rd Position
4	Annie Thomas	Logithon at DMCE	National	19/04/2024	Participation
5	Isheta Bhatt	Logithon Hackathon 2024, Datta Meghe College of Engineering	National	20/04/2024	1st Position

(CAYm3) 2022-23

S.No	Name of the Student	Name of the Event	State /National/International level	Date of Event (DD/MM/YYYY)	Name of Award
1	Mr MANAV JAYESHBHAI PATEL	Smart India Hackathon 2022/Manav Rachna University, Faridabad	National	26/08/2022	Participation
2	Mr GADHAMSETTY SAI VARSHITH	Smart India Hackathon 2022/Manav Rachna University, Faridabad	National	26/08/2022	Participation
3	Mr KUNTRAPAKAM MUNI PRUDHVI	Smart India Hackathon 2022/Manav Rachna University, Faridabad	National	26/08/2022	Participation
4	Ms SIMONE JAIN	Hackcelestial 2.0	National	19/09/2022	Participation

4.7.3 Publication of Journals, Magazines, Newsletters, etc. in the Department (5)

Institute Marks : 2.50

Table No. 4.7.3.1: List of students involved in publication of journals, magazines, and newsletters, etc. in the Department.**(CAYm1) 2024-25**

S.No	Name of the Journal, Magazine, Newsletter	Name of the Editor	Name of the Student	Semester	No. of Issues	Hard copy/Soft copy
1	BRAINWAVE 2024	Kurangam Kalita	Mangat Vinayak Riane	4	1	Both
2	BRAINWAVE 2024	Kurangam Kalita	Shubham Gupta	6	1	Both
3	BRAINWAVE 2024	Kurangam Kalita	Niharika Chauhan	6	1	Both
4	BRAINWAVE 2024	Kurangam Kalita	Vanshaj Awasthi	6	1	Both

(CAYm2) 2023-24

S.No	Name of the Journal, Magazine, Newsletter	Name of the Editor	Name of the Student	Semester	No. of Issues	Hard copy/Soft copy
1	BRAINWAVE 2023	Shruthi B K	Amit Jha	6	1	Both
2	BRAINWAVE 2023	Shruthi B K	Harsh Anjesh Rai	6	1	Both
3	BRAINWAVE 2023	Shruthi B K	Rishabh Jain Modi	6	1	Both
4	BRAINWAVE 2023	Shruthi B K	Amit Sigh	6	1	Both

(CAYm3) 2022-23

S.No	Name of the Journal, Magazine, Newsletter	Name of the Editor	Name of the Student	Semester	No. of Issues	Hard copy/Soft copy
1	BRAINWAVE 2022	Shruthi B K	Mr KUNCHAM UPENDRA	7	1	Both
2	BRAINWAVE 2022	Shruthi B K	Ms SNEHA REDDY	7	1	Both
3	BRAINWAVE 2022	Shruthi B K	Mr NIKHIL DAKWALE	7	1	Both
4	BRAINWAVE 2022	Shruthi B K	Mr ASHISH VINOD JOSHI	7	1	Both

4.7.4 Student Publications (5)

Institute Marks : 2.50

Table No. 4.7.4.1: List of student publications.

(CAYm1) 2024-25

S.No	Name of the Student	Semester	Name of the Publisher	Name of the Journal/ Conference, etc.	Volume No.	Issue No.	Name of the Award if any
1	Vanshaj Awasthi	6	IEEE	IEEE 4th International Conference on Advancement in Electronics & Communication Engineering (AECE)	26	4	-
2	Vanshaj Awasthi	6	IEEE	IEEE 3rd International Conference on Modelling, Simulation, and Intelligent Computing (MoSiCom - 2024)	16	3	-
3	Vanshaj Awasthi	6	IEEE	IEEE 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI-2025)	25	7	-
4	Prashant Dubey	6	IEEE	IEEE 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI-2025)	25	7	-
5	Tanishq Suryawanshi	4	IEEE	IEEE 2025 World Skills Conference on Universal Data Analytics and Sciences (WorldSUAS) (WorldSUAS)	25	2	-
6	Mazhar Shaikh	6	IEEE	IEEE 2025 World Skills Conference on Universal Data Analytics and Sciences (WorldSUAS) (WorldSUAS)	25	2	-
7	Aradhya Kapil	8	IEEE	2025 World Skill Conference of Universal Data Analytics and Sciences (WorldSUAS 2025)	6	5	-
8	Ashish Borade	6	IEEE	2025 World Skill Conference of Universal Data Analytics and Sciences (WorldSUAS 2025)	6	5	-
9	Tejas Dashpute	6	IEEE	ICETESS 2025, JECRC Jaipur, 18th April -19th April 2025	9	4	-
10	Rohan Gaikwad	6	IEEE	ICETESS 2025, JECRC Jaipur, 18th April -19th April 2025	9	4	-
11	Suyash Dubey	6	IEEE	ICETESS 2025, JECRC Jaipur, 18th April -19th April 2025	9	4	-
12	Siddharth S. Chavan	6	IEEE	ICETESS 2025, JECRC Jaipur, 18th April -19th April 2025	22	13	-
13	Shivam R. Vadalia	6	IEEE	ICETESS 2025, JECRC Jaipur, 18th April -19th April 2025	22	13	-
14	Yash R. Shinde	6	IEEE	ICETESS 2025, JECRC Jaipur, 18th April -19th April 2025	22	13	-
15	Swastik Attavar	6	IEEE	ICETESS 2025, JECRC Jaipur, 18th April -19th April 2025	22	13	-

(CAYm2) 2023-24

S.No	Name of the Student	Semester	Name of the Publisher	Name of the Journal/ Conference, etc.	Volume No.	Issue No.	Name of the Award if any
1	Shubham Gupta	6	SPRINGER	Social Determinants Trends in Cognitive Analysis of Healthcare Analytics Using Artificial Intelligence	7	3	-
2	Rishabh Jain	6	SPRINGER	Social Determinants Trends in Cognitive Analysis of Healthcare Analytics Using Artificial Intelligence	7	3	-
3	Patil Pankaj Rambhau	6	IOS	SAGE Journals	17	3	-
4	Rina Bora	5	SPRINGER	Signal-Image and Video processing	17	6	-
5	Patil Pankaj Rambhau	6	SPRINGER	Worlds Scientific jornal-ONOS	23	1	-
6	Kajal Jewani	5	IEEE	8th International Conference on Communication and Electronics Systems (ICCES 2023)	10	7	-
7	Ramya R. B	6	IEEE	Hinweis Second International Conference on Advances in Information, Telecommunication and Computing (AITC), 27th -28th April 2024	11	89	-
8	Yogesh J	6	IEEE	4th International Conference on Distributed Sensing and Intelligent Systems, December 21-23, 2023	21	23	-
9	Ashish P	6	IEEE	4th International Conference on Distributed Sensing and Intelligent Systems, December 21-23, 2023	21	23	-
10	Jigarkumar S	6	IEEE	4th International Conference on Distributed Sensing and Intelligent Systems, December 21-23, 2023	21	23	-

(CAYm3) 2022-23

S.No	Name of the Student	Semester	Name of the Publisher	Name of the Journal/ Conference, etc.	Volume No.	Issue No.	Name of the Award if any
1	Sparsh Gaba	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
2	Shubham Pawar	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
3	Pratima Purushotham Chinta	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
4	S Sweta	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
5	Vinil Gupta	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
6	Neel Wadgaonkar	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
7	Harishchandra Di-vase	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
8	Aby Anthony	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
9	Soni Sweta,	6	AIP	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTATIONAL TECHNIQUES	2755	1	-
10	Preet Viradiya	8	Springer	Frontiers of ICT in Healthcare, April 2023	519	21	-
11	Aryaa Singh	8	Springer	Frontiers of ICT in Healthcare, April 2023	519	21	-
12	Sumit Chahar	8	Springer	Frontiers of ICT in Healthcare, April 2023	519	21	-
13	Vivek Prasad	8	Springer	Frontiers of ICT in Healthcare, April 2023	519	21	-
14	Varun Iyengar	6	Springer	Frontiers of ICT in Healthcare, April 2023	519	21	-
15	R. Bora	8	IEEE	IEEE 7th International conference for Convergence in Technology (I2CT), Mumbai, India, 2022, pp. 1-6	64	19	-

5 FACULTY INFORMATION (100)

Total Marks 88.00

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. Deepa Parasar	AQAPP0645A	764971611165	Ph.D	PACIFIC UNIVERSITY	DEEP LEARNING, MACHINE LEARNING	20/08/2019	6.6	Associate Professor	Professor	14/03/2022	Regular	Yes		Yes
2	Dr. Prashant Shukla	CJVPS3480G	NA	Ph.D	Dr. K.N. Modi University	DEEP LEARNING, MACHINE LEARNING, QUANTUM COMPUTING	01/04/2025	0.11	Professor	Professor	01/04/2025	Regular	Yes		No
3	Dr. Swetta Kukreja	BDJPM6658P	NA	Ph.D	Lingaya's Vidyapeeth ,Faridabad	COMPUTER SCIENCE & ENGINEERING	06/03/2023	3	Associate Professor	Associate Professor	06/03/2023	Regular	Yes		No
4	Dr. Garima Shukla	CPZPS4063M	NA	Ph.D	Banasthali Vidyapith	Computer Science	17/07/2023	2.8	Associate Professor	Associate Professor	17/07/2023	Regular	Yes		No
5	Dr. Rajiv Iyer	ABPPI2931N	NA	Ph.D	Singhania University	Internet of Things	29/01/2024	2.1	Associate Professor	Associate Professor	29/01/2024	Regular	Yes		No
6	Dr. Deepika Shekhawat	DKFPS4842L	NA	Ph.D	JECRC University, Jaipur	CLOUD COMPUTING	05/04/2024	1.11	Associate Professor	Associate Professor	05/04/2024	Regular	Yes		No
7	Dr. Jeyavel Janardhan	AKOPJ0307P	NA	Ph.D	Anna University, Chennai	DEEP LEARNING, CLOUD COMPUTING, ADHOC NETWORKS	23/09/2024	1.5	Associate Professor	Associate Professor	23/09/2024	Regular	Yes		No
8	Dr. Sarang M. Patil	BBVPP1238E	NA	Ph.D	Technical University of Sofia, Bulgaria	WIRELESS COMMUNICATION, IoT	14/10/2024	1.5	Associate Professor	Associate Professor	14/10/2024	Regular	Yes		No
9	Dr. Dipak Raskar	ARUPR5123Q	NA	Ph.D	Suresh Gyan Vihar University, Jaipur	ELECTRONICS & COMMUNICATION	05/01/2024	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Dr. Saranya A.	HDUPS9599N	NA	Ph.D	SRM Institute of science and Technology	CLOUD COMPUTING, CRYPTOGRAPHY, SYSTEM SECURITY, ARTIFICIAL INTELLIGENCE	03/07/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Dr. Saranya P.	CPQPS2494B	NA	Ph.D	Anna University, Chennai	MACHINE LEARNING	03/07/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Dr. Monalisa Hati	AGVPH5768H	NA	Ph.D	Fakir Mohan University	MACHINE LEARNING	18/06/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Dr. Prajna Jha	AJHPN0838P	NA	Ph.D	University of Allahabad	ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, NATURAL LANGUAGE PROCESSING	02/05/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Dr. Swapnil H. Pandalwar	BMQPP9939J	NA	Ph.D	SRTMU NANDED	English Literature	21/06/2021	4.8	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Dr. Rajratna P. Tayade	AKMPT2230K	NA	Ph.D	Institute of Chemical Technology, Mumbai	ORGANIC CHEMISTRY	03/11/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Dr. Bandana Pai	CBGPP9328H	NA	Ph.D	BITS Pilani Goa	Mathematics	28/07/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Dr. Geeta Kiran Malbhage	AWPEM1652N	NA	Ph.D	Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar	Pollution and its Management	23/05/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Dr. Neelam J Upadhyay	AARPU3558L	NA	Ph.D	University of Mumbai	Theoretical Nuclear Physics	12/10/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Dr. Shrawani Mitkari	HIYPM3449C	639673894643	Ph.D	Savitribai Phule Pune University	Algebra, Lattice Theory	28/07/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No

20	Mr. Ameya Jaichandra More	BALPM9349C	NA	MS	Politecnico Di Milano, Italy	Mechanical Engineering	07/06/2017	8.9	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Dr. Manjusha Joshi	AFBPJ9213N	NA	Ph.D	NMIMS Mumbai	ELECTRONICS & COMMUNICATION	10/03/2022	2.2	Associate Professor	Associate Professor	10/03/2022	Regular	No	06/06/2024	No
22	Mr. Rajesh Bhise	AQAPB6977B	NA	M.E.	University of Mumbai	DEEP LEARNING, MACHINE LEARNING, QUANTUM COMPUTING	17/10/2016	7.7	Assistant Professor	Assistant Professor		Regular	No	15/06/2024	No

5.1 Student-Faculty Ratio (SFR) (30)

Total Marks 18.00

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):

UG1=1st UG program

UGn=nth UG program

B= No. of Students in UG 2nd year (ST)

C= No. of Students in UG 3rd year (ST)

D= No. of Students in UG 4th year (ST)

No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

Student Faculty Ratio (**SFR**) = S/F

S= No. of students of all programs in the Department including all students of allied departments/clusters.

No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)

Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.

F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

UG

No. of UG(Engineering) programs in Department including allied departments/clusters(UGn):

Computer Science and Engineering						
Year of Study	CAY		CAYm1		CAYm2	
	(2025-26)		(2024-25)		(2023-24)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	60	6	60	6	60	6
3rd Year	60	6	60	6	60	6
4th Year	60	6	60	6	60	6
Sub-Total	180	18	180	18	180	18
Total	198		198		198	
Grand Total	198		198		198	

PG

No. of PG Programs in the Department

Grand Total			
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SFR

No. of UG Programs in the Department

No. of PG Programs in the Department

Computer Science and Engineering

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	66	66	66
UG1.C	66	66	66
UG1.D	66	66	66
UG1: Computer Science and Engineering	198	198	198
DS=Total no. of students in all UG and PG programs in the Department	198	198	198
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 198	S2= 198	S3= 198
DF=Total no. of faculty members in the Department	20	16	14
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 20	F2= 16	F3= 14
FF=The faculty members in F who have a 100% teaching load in the first-year courses	7	7	7
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 15.23	SFR2= 22.00	SFR3= 28.29
Average SFR for 3 years	SFR= 21.84		

Average SFR for three assessment years : 21.84

Assessment SFR : 14

5.2 Faculty Qualification (25)

Total Marks 25.00

Institute Marks : 25.00

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF]]
2025-26(CAY)	18	2	9.00	52.22
2024-25(CAYm1)	13	3	9.00	39.44
2023-24(CAYm2)	8	6	9.00	28.89

Average Assessment : 40.19

5.3 Faculty Cadre Proportion (25)

Total Marks 25.00

Institute Marks : 25.00

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY(2025-26)	1.00	2.00	2.00	6.00	6.00	12.00
CAYm1(2024-25)	1.00	1.00	2.00	4.00	6.00	11.00
CAYm2(2023-24)	1.00	1.00	2.00	3.00	6.00	10.00
Average Numbers	1.00	1.33	2.00	4.33	6.00	11.00

Cadre Ratio Marks [(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 12.5 : 25.00

5.4 Visiting/Adjunct/Emeritus Faculty etc. (10)

Total Marks 10.00

Table No. 5.4.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.
(CAYm1) 2024-25

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Ramya R B	Assistant Professor	A P Shah Institute,Thane, Mumbai	Big Data Technology with Hadoop	3.00
2	Ms Karale Prachi Mahadeo	Assistant Professor	D Y Patil University, Pune	Artificial Intelligence	2.00
3	Mr. Gotarane Vishal Ramchandra	Assistant Professor	Konkan Gyanpeeth, Pune "	Advanced Machine Learning	2.00
4	Mr. Naufil Kazi	Assistant Professor	Thadomal Sahani college of Engineering, Bandra	Cloud Computing	3.00
5	Monali Deshmukh	Assistant Professor	D J Sanghvi, Mumbai	Blockchain	3.00
6	Ms Karale Prachi Mahadeo	Assistant Professor	D Y Patil University, Pune	Cyber Security	3.00
7	Mr. Gotarane Vishal Ramchandra	Assistant Professor	Konkan Gyanpeeth, Pune	Computer Graphics	3.00
8	Monali Deshmukh	Assistant Professor	D J Sanghvi, Mumbai	Game Theory	2.00
9	Ms. Shruti Agarwal	Assistant Professor	Vidyalankar Institute of Technology, Wadala	Vulnerability Analysis	3.00
10	Mr. Gotarane Vishal Ramchandra	Assistant Professor	Konkan Gyanpeeth, Pune	Natural Language Processing	2.00
11	Monali Deshmukh	Assistant Professor	D J Sanghvi, Mumbai	Digital Forensics	3.00
12	Mr. Naufil Kazi	Assistant Professor	Thadomal Sahani college of Engineering, Bandra	Digital Image Processing	3.00
13	Payel Gupta	Assistant Professor	Pillai Institute of Technology, Panvel	Business Intelligence	2.00
14	"Mr. Shaikh Nahid Kausar Abdu Jabbar "	Assistant Professor	Datta Meghe College of Engineering, Mumbai	Cryptography and System Security	3.00
15	Payel Gupta	Assistant Professor	Pillai Institute of Technology, Panvel	Datastructures	3.00
16	Monali Deshmukh	Assistant Professor	D J Sanghvi, Mumbai	Pattern Recognition	2.00
17	Ms. Shruti Agarwal	Assistant Professor	Vidyalankar Institute of Technology, Wadala	Computer Modeling and Simulation	2.00
18	Pratap Mohanrao Mohite	Assistant Professor	Thakur College of Engineering, Mumbai	Operating Systems	3.00
19	Payel Gupta	Assistant Professor	Pillai Institute of Technology, Panvel	Linear and Non-Linear Optimization	2.00
20	Mr. Naufil Kazi	Assistant Professor	Thadomal Sahani college of Engineering, Bandra	Database Management system	3.00

(CAYm2) 2023-24

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Ms. Deepali Kayande	Assistant Professor	A P Shah Institute,Thane	Database Management system	3.00
2	Shraddha Subhedar	Assistant Professor	SCOE Kharghar	Computer Modeling and Simulation	2.00
3	Shinde Shreyas Shrimant	Assistant Professor	Sinhgad Engineering College, Pune	Big Data Technology with Hadoop	3.00
4	Ms. Kajal Jewani	Assistant Professor	Vivekanand Education Society's Institute of Technology, Chembur, Mumbai	Digital Forensics	3.00
5	Shinde Shreyas Shrimant	Assistant Professor	Sinhgad Engineering College, Pune	Artificial Intelligence	2.00
6	Sarita Gajanan Rathi	Assistant Professor	D Y Patil pune	Advanced Machine Learning	2.00
7	Ms. Deepali Kayande	Assistant Professor	A P Shah Thane	Pattern Recognition	3.00
8	Harish Krishna Ojha	Assistant Professor	Vidyalankar wadala	Datastructures	3.00
9	Ramya R B	Assistant Professor	A P Shah Thane	Business Intelligence	2.00
10	Shinde Shreyas Shrimant	Assistant Professor	Sinhgad Engineering College, Pune	Advanced Machine Learning	3.00
11	Sarita Gajanan Rathi	Assistant Professor	Nutan Maharashtra Institute of Engineering and Technology, Pune	Computer Graphics	3.00
12	Pratap Mohanrao Mohite	Assistant Professor	Thakur College of Engineering, Mumbai	Digital Image Processing	3.00
13	Khan Adil Parvez	Assistant Professor	Kalsekar College,Panvel	Pattern Recognition	2.00
14	Ms. Kajal Jewani	Assistant Professor	Vivekanand Education Society's Institute of Technology, Chembur, Mumbai	Cryptography and System Security	3.00
15	Harish Krishna Ojha	Assistant Professor	Vidyalankar wadala	Cryptography and System Security	3.00
16	Ms. Kajal Jewani	Assistant Professor	Vivekanand Education Society's Institute of Technology, Chembur, Mumbai	Operating Systems	3.00
17	Pratap Mohanrao Mohite	Assistant Professor	Thakur College of Engineering, Mumbai	Digital Image Processing	3.00
18	Ramya R B	Assistant Professor	A P Shah Thane	Digital Image Processing	3.00
19	Khan Adil Parvez	Assistant Professor	Kalsekar College,Panvel	Computer Graphics	3.00
20	Priya Metri	Assistant Professor	D Y Patil pune	Linear and Non-Linear Optimization	2.00

(CAYm3) 2022-23

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Sheetal Shimpikar	Assistant Professor	Pillai College of Engineering, Panvel, Mumbai	Datacommunication and Computer Networks	3.00
2	Seema Bhuravane	Assistant Professor	K C Engineering College, Thane, Mumbai	Computer Architecture	2.00
3	Bhujbal Suman Sagar	Assistant Professor	K C Engineering College, Thane, Mumbai	Software Engineering	3.00
4	Sheetal Shimpikar	Assistant Professor	Pillai College of Engineering, Panvel, Mumbai	Analysis and Design of Algorithm	3.00
5	Sarika Bansal	Assistant Professor	NMIMS,Mumbai	Artificial Neural Network	2.00
6	Seema Bhuravane	Assistant Professor	K C Engineering College, Thane, Mumbai	Advanced Java Programming	2.00
7	Harish Krishna Ojha	Assistant Professor	Vidyalankar wadala	Micro processor and Micro Controller	3.00
8	Sheetal Shimpikar	Assistant Professor	Pillai College of Engineering, Panvel, Mumbai	Machine Learning	3.00
9	Anuja Thakur	Assistant Professor	NMIMS,Mumbai	Cryptography and System Security	2.00
10	Seema Bhuravane	Assistant Professor	K C Engineering College, Thane, Mumbai	Machine Learning	3.00
11	Sarika Bansal	Assistant Professor	NMIMS,Mumbai	Introduction to Genetic Algorithm	3.00
12	Anuja Thakur	Assistant Professor	NMIMS,Mumbai	Digital Image Processing	3.00
13	Zeeshan Khursheed	Software Engineer	Reliance Industries, Mumbai	Cloud Computing	2.00
14	Sheetal Shimpikar	Assistant Professor	Pillai College of Engineering, Panvel, Mumbai	Cryptography and System Security	3.00
15	Harish Krishna Ojha	Assistant Professor	Vidyalankar wadala	Cryptography and System Security	3.00
16	Zeeshan Khursheed	Software Engineer	Reliance Industries, Mumbai	Big Data	3.00
17	Ms. Deepali Kayande	Assistant Professor	A P Shah Institute,Thane	Digital Image Processing	3.00
18	Sheetal Shimpikar	Assistant Professor	Pillai College of Engineering, Panvel, Mumbai	Digital Image Processing	3.00
19	Zeeshan Khursheed	Software Engineer	Reliance Industries, Mumbai	Pattern Recognition	3.00
20	Ms. Deepali Kayande	Assistant Professor	A P Shah Institute,Thane	Micro processor and Micro Controller	2.00
21	Sheetal Shimpikar	Assistant Professor	Pillai College of Engineering, Panvel, Mumbai	Pattern Recognition	2.00

5.5 Faculty Retention (10)

Total Marks 10.00

Institute Marks : 10.00

Description	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
RF=No. of required faculty in the Department to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section 5.1 of SAR; (RF=DS/20).	9	9	9
AF=The no. of available faculty members in the Department including allied Departments	20	16	14
A= The no. of faculty members at the current institute with less than 1 year of experience (A in AF)	2	0	0
B= The no. of faculty members at the current institute with more than 1 year and less than 2 years of experience (B in AF)	4	2	0
C= The no. of faculty members at the current institute with more than 2 years and less than 3 years of experience (C in AF)	6	6	5
D= The no. of faculty members at the current institute with more than 3 years and less than 4 years of experience (D in AF)	4	4	4
E= The no. of faculty members at the current institute with more than 4 years of experience (E in AF)	4	4	5
FR=((((A*0) +(B*1)+(C*2)+(D*3)+(E*4))/RF) *2.50 (points limited to 10)	10	10	10

Average : 10.00

Assessment Marks : 10.00

6 FACULTY CONTRIBUTIONS (120)

Total Marks 90.68

6.1 Professional Development Activities (60)

Total Marks 50.68

6.1.1 Memberships in Profession Societies at National/International Levels (5)

Institute Marks : 5.00

Table No. 6.1.1.1: List of faculty members and their memberships.

S.No	Name of the Faculty	Name of the Professional Society /Body at National and International Level	Name of the Grade/ Level/Position
1	Dr. Prashant Shukla	International Association of Engineers (IAENG)-144290;	Life Time Member
2	Dr. Prashant Shukla	International Association of Computer Science and Information Technology (IACSIT)-80349566	Life Time Member
3	Dr. Deepa Parasar	IEEE Senior Member Bombay Section-96392723	IEEE-Senior Member;
4	Dr. Deepa Parasar	Indian Society for Technical Education (ISTE)-LM 58262	ISTE Life Time Member
5	Dr. Swetta Kukreja	International Association of Engineers (IAENG)-211144	Life Time Membership
6	Dr. Rajiv Iyer	Indian Society for Technical Education (ISTE)--LM 65446	Life Time Membership
7	Dr. Dipak Raskar	Indian Society for Technical Education (ISTE)-- LM 138740	Life Time Membership
8	Dr. Garima Shukla	IEEE Senior Member-98435830	IEEE Senior Member
9	Dr. Prajna Jha	All India Council for Technical Skill Development (AICTSD)-03681	Life Time Membership
10	Dr. Satheesh Abimannan	IEEE Membership Bombay Section-98633862	1 year IEEE Membership
11	Dr. Prashant Shukla	IEEE Member Madhya Pradesh Section-98479259	Member

6.1.2 Faculty as Resource Persons or Participants in STTPs/FDPs (10)

Institute Marks : 5.00

6.1.2.1 Faculty as Resource Persons in STTPs/FDPs (5)**Table No. 6.1.2.1: List of faculty members as resource person in STTP/FDP events.****(CAYm1) 2024-25**

S.No	Name of the Faculty as Resource Person	Name of the STTP/FDP	Date (DD/MM/YYYY)	Location	Organized by
1	Dr. Deepa Parasar	Seminar on "The Future is Cloud: Exploring Modern Cloud Computing Trends"	21st March 2025	Saraswati College of Engineering, Kharghar, Navi Mumbai	Saraswati College of Engineering, Kharghar, Navi Mumbai
2	Dr. Prashant Shukla	5-day FDP on "Writing Successful Extramural Funding Application	16-20 June 2025	Amity University Mumbai, Navi Mumbai	Amity School of Engineering and Technology, Amity University Mumbai
3	Dr. Rajiv Iyer	05 days Capacity Building Program on "Quantum Computing for Drug Discovery"	08-13 July 2024	Sardar Patel Institute of Technology, Andheri (West) Mumbai	Department of Computer Science and Engineering, Sardar Patel Institute of Technology In Association

(CAYm2) 2023-24

S.No	Name of the Faculty as Resource Person	Name of the STTP/FDP	Date (DD/MM/YYYY)	Location	Organized by
1					

(CAYm3) 2022-23

S.No	Name of the Faculty as Resource Person	Name of the STTP/FDP	Date (DD/MM/YYYY)	Location	Organized by
1	NIL	NIL	NIL	NIL	NIL

6.1.2.2 Faculty Members' Participation in STTPs/FDPs (5)

Institute Marks : 2.68

Name of the faculty	Max 5 Per Faculty		
	2024-25(CAYm1)	2023-24(CAYm2)	2022-23(CAYm3)
Dr. Deepa Parasar	5.00	5.00	5.00
Dr. Swetta Kukreja	5.00	0.00	0.00
Dr. Garima Shukla	3.00	0.00	0.00
Dr. Deepika Shekhawat	3.00	0.00	0.00
Dr. Rajiv Iyer	3.00	0.00	0.00
Dr. S.M. Patil	3.00	0.00	0.00
Dr. Dipak Raskar	5.00	0.00	0.00
Dr. Saranya A	3.00	0.00	0.00
Dr. Monalisa Hati	3.00	0.00	0.00
Dr. Satheesh Abhimannan	0.00	5.00	0.00
Sum	33.00	10.00	5.00
RDF = Number of faculty required to comply with the 20:1 student - faculty ratio in the Department alone, as per section 5.1 of SAR(RDF= DS / 20).	9.90	9.90	9.90
Assessment Points (AP)=(Sum/(0.5* RDF)) (Points limited to 5 for each assessment year)	5.00	2.02	1.01

Average assessment over 3 years: 2.68

6.1.3 Faculty Contribution in Development of SWAYAM MOOCs and other E-Content (7)

Institute Marks : 0.00

Table No. 6.1.3.1: List of faculty members developed MOOC course for the past 3 years.

S.No	Name of the Faculty	Name of the Course Developed and available online on Swayam platform by your Department faculty
1	NIL	NIL

6.1.4 Faculty Certification of MOOCs through SWAYAM, etc. (8)

Institute Marks : 8.00

Table No. 6.1.4.1: List of faculty members obtained certification of MOOCs for the past 3 years.

S.No	Name of the Faculty	Name of Course Passed	Course Offered by (agency)	Grade obtained if any
1	Dr. Garima Shukla	Data Science for Engineers	NPTEL	60%
2	Dr. Garima Shukla	Introduction for Machine Learning	NPTEL	50%
3	Dr. Garima Shukla	Python for Data Science	NPTEL	64%
4	Dr. Saranya P.	Data Structures and Algorithms Design	NPTEL	75%

6.1.5 FDP/STTP Organized by the Department (10)

Institute Marks : 10.00

Table No. 6.1.5.1: List of FDPs/STPs organized by Department for the past 3 years.**(CAYm1) 2024-25**

S.No	Name of the Program	Date of the Program(DD/MM/YYYY)	Duration	Name of the Speaker & Designation and Organization	No. of People Attended
1	Faculty Development Program on Writing Successful Extramural Funding Application	16-20 Jun 2025	5 Days	Prof. A W Santosh Kumar, Dr N. Sharma, Prof. P.Hsuing, Prof. U. Kadam, Prof A. Srivastava	88

(CAYm2) 2023-24

S.No	Name of the Program	Date of the Program(DD/MM/YYYY)	Duration	Name of the Speaker & Designation and Organization	No. of People Attended
1	NIL	NIL	NIL	NIL	0

(CAYm3) 2022-23

S.No	Name of the Program	Date of the Program(DD/MM/YYYY)	Duration	Name of the Speaker & Designation and Organization	No. of People Attended
1	FDP on "Building Resilience at Workplace" organized by Computer Science & Engineering & Civil Engine	9-13 Aug 2022	5 days	Dr. Aseem Chauhan Hon'ble President AUM, Prof. (Dr.) A.W. Santosh Kumar, Prof. (Dr.), Dr. A. I.,	52

6.1.6 Faculty Support in Student Innovative Projects (10)

Institute Marks : 10.00

Table No. 6.1.6.1: List of faculty members involved in student innovative projects.**(CAYm1) 2024-25**

S.No	Name of the Faculty	Name of the Event	Date of the Event(DD/MM/YYYY)	Place of Event	Website Link if any
1	Dr. Deepa Parasar, Dr. Swetta Kukreja, Dr. Shrikant Charhate	Nirman 2025	30/01/2025	Amity University Mumbai	NA
2	Dr. Deepa Parasar, Dr. Swetta Kukreja	NASA Space Challenge competition, a 48-hour Space Hackathon	6/10/2024	Sandip University, Nashik	NA
3	Dr. Garima Shukla, Dr. Rajiv Iyer	CSI Ideathon 2024	31/8/2024	National	NA
4	Dr. Deepika Shekhawat, Dr. Saranya A	Ideathon	21/9/2024	State	NA
5	Dr. Monalisa Hati, Dr. Rajiv Iyer	Intra-Project and Poster Competition, Amity School Of Engineering & Technology, Amity University Mum	26/09/2024	National	NA
6	Dr. Rajiv Iyer, Dr. Deepika Shekhawat	Gen AI Study Jams 2025	01/10/2024	National	NA
7	Dr. Deepa Parasar, Dr. Swetta Kukreja	AI for Impact APAC Hackathon 2024, By Google Cloud	25/11/2024	National	NA
8	Dr. Monalisa Hati, Dr. Saranya P.	Annual International Conference(AIC-RAETHM 2025) at Vidhyapeeth institute of science & technology	10/01/2025	International	NA
9	Dr. Rajiv Iyer, Dr. Saranya A	AI ML workshop, at IIT Bombay	11/01/2025	IIT Bombay	NA
10	Dr. Garima Shukla, Dr. Rajiv Iyer	GEN AI workshop at IIT Delhi	18/01/2025	IIT Delhi	NA
11	Dr. Deepika Shekhawat, Dr. Saranya A	Ethical Hacking Workshop, AT IISC Bangaluru	01/02/2025	IISC Bangaluru	NA
12	Dr. Garima Shukla, Dr. Rajiv Iyer	International Conference ICRBSS 2025, at SRM Institute of science and technology	15/02/2025	International	NA
13	Dr. Deepak Raskar	Web Development Workshop at IIT Hyderabad	16/02/2025	IIT Hyderabad	NA
14	Dr. Jeyavel Janardhan	Realms Hackathon	19/02/2025	State	NA
15	Dr. Sarang M. Patil	REALMS XR Hackathon, KJ Somaiya, Mumbai	20/02/2025	Mumbai	NA
16	Dr. Jeyavel Janardhan	KI HACKS 2.0	25/03/2025	State	NA
17	Dr. Sarang M. Patil	Nirman Hackathon	30/01/2025	National	NA

(CAYm2) 2023-24

S.No	Name of the Faculty	Name of the Event	Date of the Event(DD/MM/YYYY)	Place of Event	Website Link if any
1	Dr. Deepa Parasar, Dr. Shrikant Charhate	Nirman 2024	03/05/2024	Amity University Mumbai	NA
2	Dr. Deepa Parasar, Dr. Garima Shukla	Hackx 2.0	17/03/2024	Amity University Mumbai	NA
3	Dr. Deepa Parasar, Dr. Saranya A	Logithon Hackathon	20/04/2024	Datta Meghe College of Engineering, Navi Mumbai	NA
4	Mr. Rajesh Bhise	Rajasthan Police hackathon	17/01/2024	State	NA
5	Dr. Saranya A, Mr. Rajesh Bhise	Pw loi vishwas divas idea hackathon	18/02/2024	State	NA

(CAYm3) 2022-23

S.No	Name of the Faculty	Name of the Event	Date of the Event(DD/MM/YYYY)	Place of Event	Website Link if any
1	Dr. Deepa Parasar, Dr. Shrikant Charhate	SUNHACK 2022, International Hackathon	11/11/2022	Sandip University, Nashik	NA
2	Dr. Deepa Parasar, Dr. Shrikant Charhate	Nirman 2023	16/02/2023	Amity University Mumbai	NA
3	Dr. Manjusha Joshi, Dr. Divya Rohatgi	Smart India Hackathon 2022	26/08/2022	Manav Rachna University, Faridabad	NA
4	Mr. Rajesh Bhise	Hackcelestial 2.0	19/09/2022	National	NA

6.1.7 Faculty Internship/Training/Collaboration with Industry (10)

Institute Marks : 10.00

Table No. 6.1.7.1: Faculty internship/training/collaboration details.

S.No	Name of the Faculty	Name of the Internship/ Training/ Collaboration	Name of the Company & Place	Duration	Outcomes of Internship/ Training/ Collaboration
1	Dr. Prashant Kumar Shukla	Fundamentals of Quantum Computing Lfq101	The Linux Foundation	15 days	Paper Publication
2	Dr. Prashant Kumar Shukla	Quantum Computing & Programming	QBRONZE, India	30 days	Paper Publication
3	Dr. Prashant Kumar Shukla	Data Analytics with R Programming	Pantech e Learning Pvt Ltd, Chennai, India	30 days	Paper Publication
4	Dr. Jeyavel Janardhanan	One month course on "Quantum Computing"	Centre for Development of Advanced Computing, Hyderabad & Indian Institute of Technology, Roorkee with the support of Ministry of Electronics and Info	1 Month	Paper Publication
5	Dr. Garima Shukla	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
6	Dr. Deepika Shekhawat	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
7	Dr. Rajiv Iyer	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
8	Dr. Dipak Raskar	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
9	Dr. Saranya A	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
10	Dr. Deepa Parasar	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
11	Dr. Swetta Kukreja	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
12	Dr. Saranya P.	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
13	Dr. Prajna Jha	One month course on "Quantum Computing"	Centre for Development of Advanced Computing, Hyderabad & Indian Institute of Technology, Roorkee with the support of Ministry of Electronics and Info	1 Month	Paper Publication
14	Dr.Manjusha Joshi	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process
15	Mr. Rajesh Bhise	Microsoft Advanced Educator 2024	Microsoft, USA	1 Month	Improvement in teaching learning process

6.2 Research and Development Activities (60)

Total Marks 40.00

6.2.1 Academic Research (10)

Institute Marks : 10.00

Table No. 6.2.1.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	20	16	15
2	No. of peer reviewed conference papers published	27	16	13
3	No. of books/book chapters published	14	6	5

6.2.2 Ph.D. Student Details (5)

Institute Marks : 5.00

Table No. 6.2.2.1: Ph.D. details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of students enrolled for Ph.D. in the Department	8	2	11
2	No. of Ph.D. students graduated in the Department	3	1	4

6.2.3 Development Activities (10)

Institute Marks : 10.00

Table No. 6.2.3 List of Patents

- 1 Mrs. SUSHILA UMESH RATRE, DR. DIVYA ROHATGI, MR. RAJESH HANMANT BHISE ARTIFICIAL INTELLIGENCE FRAMEWORK FOR PREDICTING THE EXACT CONDITION OF CANCEROUS NODES IN LUNGS, 2022210350, 19-06-2022, 22-07-2022, Intellectual Property Office (IPO) of India
2. Dr. Shrikant Charhate, Dr. Deepa Parasar, Dr.Swetta Kukreja A System for supporting Indic languages in Retail Commerce and Method for the same, 202421086261, 08-11-2024, 28-02-2025, Intellectual Property Office (IPO) of India
3. Dr. Deepika Shekhawat, A System for Intelligent automatic dishwashing with integrated robot arm control, 202025104052, 15-07-2025, 11-Sep-25, President of the German Patent and Trade Mark Office
4. Dr. Rajiv Iyer, SMART METAMATERIAL COMMUNICATION ARRAY FOR INTERPLANETARY MISSIONS AND WORKING METHOD THEREOF, 202411075005, 04-10-2025, Intellectual Property Office (IPO) of India
5. Dr. Jeyavel Janardhanan, Dr.Saranya A, Dr. Deepika Shekhawat, An Innovative Asset Encryption Device Using Machine Learning To Securely Protect Patient Records and Medical Research Data, 202541069741, 22-07-2025, 01-08-2025, Intellectual Property Office (IPO) of India
6. Dr. Rajiv Iyer, Dr.Saranya, A MULTI-AXIS ADJUSTABLE DIAL GAUGE HOLDER WITH PRECISION HEIGHT AND ANGLE CONTROL FOR SLOPE DEFLECTION MEASUREMENT, 202411085115, 06-11-2025, Intellectual Property Office (IPO) of India
7. Dr. Swetta Kukreja, NEURAL NETWORK FOR FACIAL DETECTION USING DEEP LEARNING, 202311025684, 05-04-2023, 19-05-2023, Intellectual Property Office (IPO) of India
8. Dr. Swetta Kukreja, AN IOT BASED DIGITAL AUTO VENDING FILE PROCESSING SYSTEM, 202321031427, 03-05-2023, 16-06-2023, Intellectual Property Office (IPO) of India
9. Dr. Deepika Shekhawat, A SYSTEM FOR INTELLIGENT AUTOMATED DISHWASHING FEATURING ROBOTIC ARM INTEGRATION, 202511066602, 12-07-2025, 01-08-2025, Intellectual Property Office (IPO) of India
10. Dr. Swetta Kukreja, Machine Learning Based Epizootic Ulcerative Syndrome Fish Disease Detection, 6300172, 06-08-2023, 10-08-2023, Intellectual Property Office (IPO) of UK
11. Dr Garima Shukla, IoT Data Visualization Device, 495496-001, 20-03-2026, Intellectual Property Office (IPO) of India
12. Dr Garima Shukla, Portable Clip-On Ecg Lead Interface For Monitoring, 485586-001, 30-12-2025, 12-02-2026, 12-02-2026, Intellectual Property Office (IPO) of India
13. Dr Garima Shukla, AI-Enhanced Safe Space Headset, 477244-001, 16-10-2025, 18-11-2025, Intellectual Property Office (IPO) of India
14. Dr Garima Shukla, End-to-End System for Real-Time Stutter Detection and Personalized Intervention, 202411071307, 20-09-2024, 10-04-2026, Intellectual Property Office (IPO) of India
15. Dr Garima Shukla, A WEARABLE ACCESSIBILITY DEVICE FOR VISUALLY IMPAIRED AND WORKING METHOD THEREOF, 202411050964, 03-07-2024, Intellectual Property Office (IPO) of India
16. Dr Prashant Shukla, A PORTABLE SPECTACLE COVER WITHINTEGRATED LENS-CLEANING ASSEMBLY, 202621041554, 01-04-2026, Intellectual Property Office (IPO) of India
17. Dr Deepa Parasar, Design of a Smart Shopping Cart with Behavioral Tracking Interface, 6474276, 22-Oct-25, Intellectual Property Office (IPO) of UK
18. Dr Deepa Parasar, A SYSTEM FOR SUPPORTING INDIC LANGUAGES IN RETAIL COMMERCE AND A METHOD FOR THE SAME, 202421086261, Feb 28, 2025, Intellectual Property Office (IPO) of India
19. Dr Deepa Parasar, ARTIFICIAL INTELLIGENCE BASED MOTORIZED EXERCISE CYCLE FOR THE HANDICAPPED & DISABLED, 424663-001, July 25, 2024, Intellectual Property Office (IPO) of India

6.2.4 Sponsored Research Project (15)

Institute Marks : 15.00

2024-25 (CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Nil	Nil	Nil	Nil	Nil	Nil	0.00
						Amount received (Rs.):0.00

2023-24 (CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
	Dr. Garima Shukla	Dept. of CSE	Advancing Healthcare through Predictive Analytics: A Machine Learning approach	UK-India Education and Research Initiatives (UKERI)	3 Years	120.00
Prof (Dr.) Deepa Parasar, Dr. Sushree Sangita Mishra, Prof. (Dr.) Shrikant Charhate		Dept. of CSE, CE	Traffic Volume Analysis by Using Artificial Intelligence.	Sunbeam Co., Ltd., Chiyoda City, Tokyo 101-0061, Japan	3 Years	20.00
						Amount received (Rs.):140.00

2022-23 (CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
	Dr.Satheesh Abimannan, Prof. & Dy. Director, ASET, AUM	Dept. of CSE	APT detection in 5G networks (APTd5G)	EPSRC UK-India Future Networks Initiative (UKI-FNI)	8 Months	61.74
Dr. Deepa Parasar		Dept. of CSE	Proximity Detection System for Continuous Mining Machines.	JMS Mining Pvt Ltd, Kolkata, WB (Mr. Dilip Kumar Sharma, Director & CEO, JMS Mining Pvt Ltd, Kolkata, WB)	2 Years	0.25
Dr. Deepa Parasar		Dept. of CSE	DAAD POstdoc-NeT-AI	DAAD, Germany	2 Weeks	5.00
						Amount received (Rs.):66.99

Total Amount (Lacs) Received for the Past 3 Years: 206.99**Note*:**

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

6.2.5 Consultancy Work (15)

Institute Marks : 0

2024-25 (CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Nil	Nil	Nil	Nil	Nil	Nil	0.00
						Amount received (Rs.):0.00

2023-24 (CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Nil	Nil	Nil	Nil	Nil	Nil	0.00
						Amount received (Rs.):0.00

2022-23 (CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. Divya Rohatgi		Dept. of CSE	Digital transformation process to tackle and replace manual intervention challenges within ourBPM practices.	Shorelynx Software Services Pvt Ltd	6 Months	0.30
Dr. Manjusha Joshi		Dept. of CSE	Development of Electrodes	Wenzin Technologies Ltd. Bangalore, Karnataka	2 Years	0.15
Dr. Divya Rohatgi		Dept. of CSE	Content Development	Amity Online	5 Months	0.15
						Amount received (Rs.):0.60

Total amount (Lacs) received for the past 3 years: 0.60**Note*:**

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

6.2.6 Institution Seed Money or Internal Research Grant to its Faculty for Research Work(5)**6.2.6 A Amount received (3)**

Institute Marks : 0.00

2024-25 (CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Nil	Nil	Nil	0.00	0.00	Nil
			Amount received (Rs.): 0.00		

2023-24 (CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Nil	Nil	Nil	0.00	0.00	Nil
			Amount received (Rs.): 0.00		

2022-23 (CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Nil	Nil	Nil	0.00	0.00	Nil
			Amount received (Rs.): 0.00		

Total amount (Lacs) received for the past 3 years : 0.00

6.2.6 B Amount utilized (2)

Institute Marks : 0.00

Nil

7 FACILITIES AND TECHNICAL SUPPORT (100)

Total Marks 100.00

7.1 Adequate and well equipped laboratories, and technical manpower (40)

Total Marks 40.00

Institute Marks: 40.00

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Database Lab	30	Model – HP RA	16 Hours (8 L	Mr. Mahesh Ra	Computer Lab	Diploma. (Hardware and Networking)
2	Networking Lab	30	Model – LENO	10 Hours (5 L	Mr. Mahesh Ra	Computer Lab	Diploma. (Hardware and Networking)
3	Software Lab	27	Model – HP R	8 Hours (4 L	Mr. Kirthi Shett	Computer Lab	Diploma in EXTC
4	Programming Lab	30	Model – HP R	10 Hours (5 L	Mr. Mahesh Ra	Computer Lab	Diploma. (Hardware and Networking)
5	Project Lab	27	Model – HP R	12 Hours (6 L	Mr. Kirthi Shett	Computer Lab	Diploma in EXTC
6	Workshop	30	Bench Vice AN	4 Hours (2 La	Mr. Jhanardha	Fitter	I.T.I Fitter
7	Drawing Hall	30	Drawing Table	4 Hours (2 La	Mr. Dipak Bhal	Turner	I.T.I. Turner
8	Engineering M	30	Parallel Force	4 Hours (2 La	Mr. Vinesh Pat	Mechanical La	I.T.I. Machinist
9	Electrical Scien	30	Kirchhoff's Cur	4 Hours (2 La	Mr. Nilesh Path	Lab Technician	Diploma in Electrical
10	Applied Chemi	30	Chemicals: Co	4 Hours (2 La	Mrs. Madhuri	Laboratory Ass	B.Sc. Chemistry
11	Applied Physic	30	Lasers, Four P	4 Hours (2 La	Mr Pravin Bhoi	Laboratory Ass	B.Sc

7.2 Additional Facilities Created for Improving the Quality of Learning Experience in Laboratories (20)

Total Marks 20.00

Institute Marks: 20.00

Sr. No	Name of the Facility	Details	Purpose for creating facility	Utilization	Relevance to POs/PSOs
1	Licensed Software Tools	MATLAB, Ansys	To expose students to industry-standard tools	Used in core programming, simulation, and research labs	PO1,PO2,PO5,PO11,PSO2
2	Sun beam Lab	Lenovo Idea Centre AIO Intel Core i7 13620H 27" QHD IPS 3-Side Edgeless All-in-One Desktop (32GB/1TB SSD/Win11/ Office 21/5.0MP+IR Camera/3Wx2 Harman Speakers/Wireless EOS Keyboard & Mouse	To support research activities	used by final year students	PO2,PO3,PO4,PO5,PO10,PO11,PSO1, PSO2,PSO3
3					

7.3 Maintenance of laboratories and overall ambience (10)

Total Marks 10.00

Maintenance:

Safety Precautions and Guidelines: Prominently displayed posters or digital screens provide the Dos and Donts, along with essential safety measures relevant to computer labs.

Regular Cleaning: Specialized cleaning crews ensure that the computer labs are dust-free, given the sensitivity of computer hardware to dust and particles.

Annual Maintenance Contracts (AMCs): Agreements are in place with reputable service providers for the regular upkeep of critical hardware like servers, network switches, specialized workstations and air-conditioning systems.

Technical Support: In-house or outsourced tech teams are always available, highly trained in troubleshooting hardware and software issues.

Air-Conditioning Systems: To safeguard against failures of electronic components due to heating. Each lab is equipped with air-conditioning systems, ensuring no failure of computer machines.

Uninterrupted Power Supply (UPS): To safeguard against power failures, each computer lab is equipped with a reliable UPS system, ensuring no disruption of work.

Equipment Logbooks: Detailed records are maintained for each piece of hardware, tracking its usage, maintenance schedules, and any issues that arise.

Calibration and Updates: All systems undergo regular software updates and hardware calibrations, often executed by specialized personnel from the respective companies.

High-Speed Internet: A robust 100 Mbps internet connection is available in each lab, facilitating seamless research and communications for both staff and students.

Water Dispensers: Clean water facilities are available, with water coolers or dispensers situated nearby for easy access.

Ambiance:

State-of-the-Art Infrastructure: The computer labs are fully furnished and equipped with up-to-date hardware and software that cater to undergraduate and postgraduate courses.

Comfortable Seating: Ergonomically designed chairs and individual workstations are provided for each student, enhancing focus and reducing physical strain.

Expert Faculty: An experienced team of faculty members is on hand to guide students in various aspects of computer science and engineering.

Natural Light and Ventilation: Ample windows are installed to allow for natural light, complemented by an effective artificial lighting system.

Storage Facilities: Lockable cupboards or lockers are available for students to securely store their belongings.

Interactive Tools: Each lab is fitted with a whiteboard or smartboard for brainstorming sessions, presentations, or instructional use.

24/7 Research Lab: A dedicated research lab, along with a departmental library, is available around the clock for committed faculty and students.

Specialized Project Lab: An exclusive lab is set aside for students to work on their mini and major project work, fully stocked with any specialized equipment they might need.

In-Depth Lab Manuals: Each lab comes with a comprehensive manual that includes safety measures, step-by-step procedural guidelines, and tips on handling the equipment efficiently.

Effective Lighting: The lighting is strategically designed to eliminate shadows and reduce eye strain, creating an environment conducive for extended periods of work.

Institute Marks : 10.00

Sr. No	Laboratory Name	Safety Measures
1	Database Lab	Log out of your accounts and shut down the computer properly when you finish. Leaving accounts logged in can compromise security. Do not install or download any software without permission from the lab administrator.
2	Networking Lab	Maintain a proper distance from the computer screen to reduce eye strain. Follow the 20-20-20 rule (every 20 minutes, look at something 20 feet away for at least 20 seconds). Students should not force or adjust the computer monitor or its settings. If there's an issue, they should notify the lab supervisor.
3	Software Lab	Sit in the designated chairs and not on tables or computer desks. Proper seating helps prevent accidents. Do not tamper with power outlets or attempt to plug/unplug devices unless instructed by the lab supervisor.
4	Programming Lab	Regularly back up your work to avoid data loss in case of computer issues. Do not connect personal devices to lab computers without permission, as this can introduce security risks and conflicts. Ensure students are aware of the emergency exit routes and procedures in case of fire or other emergencies.
5	Project Lab	Do not to access unauthorized websites or engage in any activities that may compromise the lab's network security. Handle all lab equipment, including peripherals like keyboards and mice, with care. Avoid slamming keys or rough handling.
6	Workshop	Use tools like hack saw, hammer, welding machine carefully. Keep safe distance from welding sparks. Ensure proper ventilation during welding. Do not use damaged tools. Keep workspace clean to avoid accidents.
7	Drawing Hall	Maintain proper sitting posture. Handle drawing instruments carefully. Keep workspace neat and organized. Avoid sharp tool injuries (compass, divider). Ensure proper lighting conditions
8	Engineering Mechanics Laboratory	Ensure proper load balancing. Do not exceed maximum load limits. Keep hands away from moving parts. Follow instructor guidance strictly.
9	Electrical Science Laboratory	Switch OFF power before making connections. Avoid touching live wires. Use insulated tools. Check circuits before switching ON supply. Use multimeter properly. Follow safety rules for high voltage experiments.
10	Applied Chemistry Laboratory	Wear lab coat, gloves, goggles. Handle acids like HCl, H ₂ SO ₄ carefully. Never smell chemicals directly. Use proper disposal methods for chemicals. Avoid direct contact with skin. Work in well-ventilated area.
11	Applied Physics Laboratory	Handle optical instruments carefully (lasers, spectrometers). Do not look directly into laser beams. Avoid touching sensitive equipment unnecessarily. Ensure proper alignment of instruments. Switch OFF equipment after use.

7.5 Project laboratory/research laboratory /centre of excellence (20)

Total Marks 20.00

S.No	Name of the lab	Name of the equipment
1	Project Lab	32 Computer Systems Model – Lenovo ThinkCentre RAM - 4 GB Hard disk - 500 GB Processor - Intel® Pentium CPU G4400 @3.30GHz 3.31GHz OS - Windows 10 Professional 64 Bit
2	High Computing Lab	Lenovo Idea Centre AIO Intel Core i7 13620H 27" QHD IPS 3-Side Edgeless All-in-One Desktop (32GB/1TB SSD/Win11/ Office 21/5.0MP+IR Camera/3Wx2 Harman Speakers/Wireless EOS Keyboard & Mouse)

1. Project Lab**Description:**

The Project Lab is equipped with 32 Lenovo ThinkCentre desktop systems configured with Intel® Pentium processors, 4 GB RAM, and 500 GB storage, operating on Windows 10 Professional. The facility supports students in carrying out academic projects, programming exercises, and course-based laboratory work. The lab is effectively utilized for approximately 30 hours per week to enhance practical learning and technical skill development.

Purpose:

To facilitate hands-on learning, project development, and programming practice.

2. High**computing Lab****Description:**

The Computing Lab is a specialized research facility equipped with Lenovo IdeaCentre All-in-One systems powered by Intel Core i7 processors, 32 GB RAM, and 1 TB SSD storage with QHD IPS displays. The lab supports advanced computing tasks including data analysis, machine learning, and research-oriented project work. It is extensively utilized by students and faculty for high-performance computing and innovation-driven activities.

Purpose:

To support research activities, high-performance computing, and advanced project work.

8 CONTINUOUS IMPROVEMENT (80)**Total Marks 80.00****8.1 Actions taken based on the results of evaluation of each of the COs, POs & PSOs (40)****Total Marks 40.00**

After evaluating the Course Outcome (CO) attainment for each course, the DAC Committee analyzed courses where the attainment level was below the target. Based on the analysis, several corrective actions were implemented. Faculty revised teaching strategies by incorporating activity-based learning, case studies, and problem-solving sessions. Additional assignments, model question discussions, and laboratory practice sessions were also introduced.

Flowchart:

Action Taken Based on the Results of Evaluation of the COs Attainment

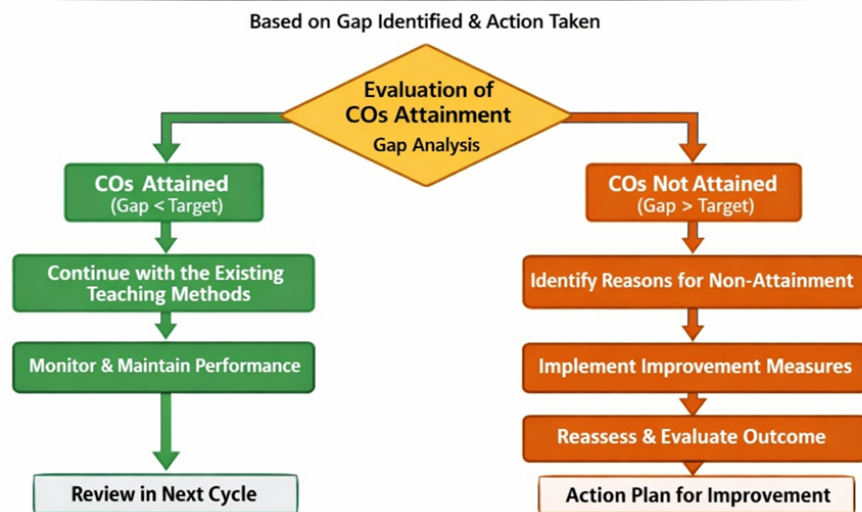


Figure 8.1.1: Action Based on the Results of Evaluation of the Cos Attainment

Table 8.1.1: Action Taken Based on the Results of Evaluation of the COs Attainment

Gap Identified	Action Taken	Number of attendees
CSE2410: PYTHON PROGRAMMING LAB Limited exposure to real-world applications of Python in Data Science and Analytics.	Guest Lecture on "Numpy & Pandas in Python" that Enhances application of programming in data analysis & Introduces modern tools used in industry	52
CSE2614 & CSE2615: CRYPTOGRAPHY & SYSTEM SECURITY Insufficient coverage of advanced and industry-relevant security practices.	Guest Lecture on "Cyber Security", Exposure to current security challenges & Awareness of real-world cyber threats	54
CSE2809 & CSE2810: INTERNET OF THINGS & INTERNET OF THINGS LAB Lack of simulation knowledge before real hardware implementation.	Guest Lecture on "Digital Twin Technology" & "Internet of Things" Supports system modeling and simulation	49
DS2702 & DS2704: DATA VISUALIZATION & DATA VISUALIZATION LAB Limited knowledge of advanced data visualization tools.	Guest Lecture on "Data Analytics and Implementation of ML algorithms using Snowflake" conducted to provide Exposure to modern analytics platforms & Enhances data interpretation skills	46

DS2801 & DS2802: LINEAR & NON-LINEAR OPTIMIZATION Lack of awareness of real-world applications of optimization, Practical Applications of Optimization Techniques need to be known to students	Guest Lecture on "Optimization Techniques" to address the Application of mathematical concepts in engineering	44
AIML2601: ARTIFICIAL INTELLIGENCE Need for exposure to advanced AI topics.	Guest Lecture on "Legacy Beyond Creativity -GEN AI"	52
CSE2401: THEORY OF AUTOMATA & COMPUTATION Advance topics & state of art need to be known to students	Guest Lecture on "Theory of Automata & Computation" to provide the Understanding of AI advancements & Awareness of generative models	53
AIML2605 & AIML2611: MACHINE LEARNING & MACHINE LEARNING LAB Students need to know advance topics in AI and ML	Guest Lecture on "Opportunities and Challenges in the Research Landscape of Generative AI"	56
CSE2601 & CSE2605: MICROPROCESSOR & MICROCONTROLLER: Advanced microcontrollers like Arduino Uno Platforms like Raspberry Pi should be introduced to students	Guest Lecture on "Microprocessor and Microcontroller" conducted for better Understanding of embedded systems & Exposure to modern controllers	49
CSE2402: OPERATING SYSTEMS Students possess foundational knowledge of file organization concepts such as sequential files, indexed files, and hashing techniques. However, there is a lack of exposure to the practical implementation and real-time application of these concepts in modern computing environments, including operating systems and database management systems.	A Guest Lecture on "File Implementation" has been organized to address the identified gap by providing industry-oriented insights and practical perspectives.	54
CCCS2804 & CCCS2805: GAME THEORY & GAME THEORY LAB	Guest Lecture on "AI in Game Theory" Understanding AI integration in decision models	47
AIML2605: MACHINE LEARNING	Guest Lecture on "Machine Learning SVM Algorithm for Deep understanding of ML algorithms"	49
CSE2716 & CSE2723: BIG DATA TECHNOLOGY WITH HADOOP	Webinar on "Emerging Paradigms in Artificial Intelligence and Big Data Analytics" conducted for the Awareness of big data technologies	53
EM2204: ENGINEERING MECHANICS	Domain lecture on Engineering Mechanics	55
AIML2601 & AIML2603: ARTIFICIAL INTELLIGENCE & ARTIFICIAL INTELLEGEENCE LAB	Vice Chancellor Lecture Series on AI in Academics Third Lecture in the series on "Prompt Techniques for Generative AI"	156
Improve AI literacy	Vice Chancellor Lecture Series on "Beyond Grades - AIs Role in Developing 21st Century Skills"	153

	Vice Chancellor Lecture Series on "Leverage AI for Academic Writing"	173
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8.1.2 Actions Taken Based on the Results of Evaluation of the POs/PSOs Attainment (20)

Institute Marks : 20.00

Action Taken Based on the Results of Evaluation of the POs & PSOs Attainment

Based on Gap Identified & Action Taken

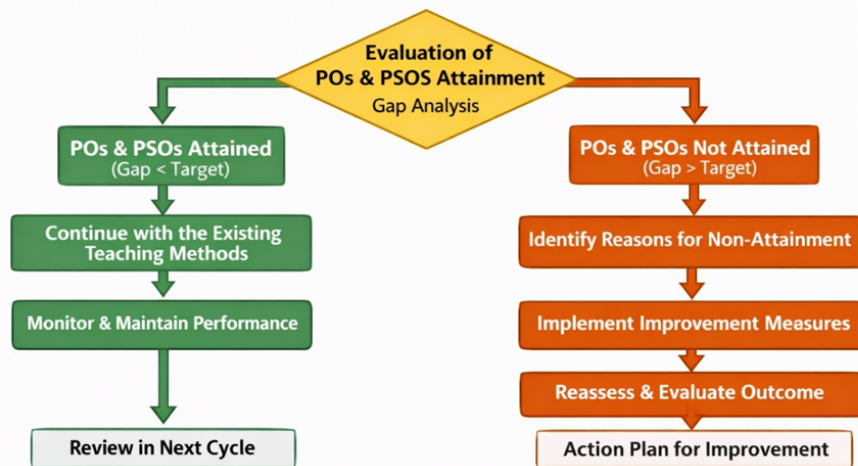


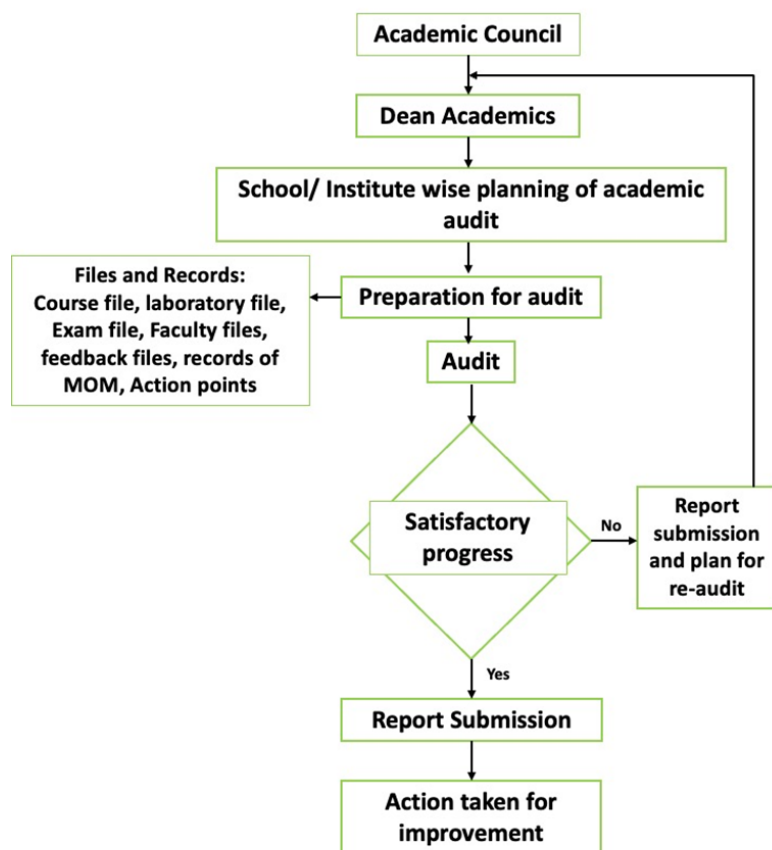
Figure 8.1.2: Action Taken Based on the results of PO & PSO's

Table 8.1.2: Action Taken Based on the Results of Evaluation of the POs and PSOs Attainment

Gap Identified	Action Taken	Number of attendees
1. Limited exposure to industry practices and emerging technologies . 2. Lack of awareness about real-world application of concepts . 3. Insufficient interaction with industry experts and developer communities . 4. Low participation in hands-on technical learning and collaborative platforms	Google Developer Group Event POs Addressed: PO1, PO2, PO3, PO5, PO9, PO10, PO12	106
1. Limited ability to apply theoretical knowledge to real-world problem solving 2. Lack of experience in end-to-end product development 3. Insufficient exposure to engineering tools, prototyping, and innovation practices 4. Weak team collaboration and interdisciplinary coordination 5. Low participation in competitive and time-bound technical environments	Nirman'25 (Internal Hackathon, which is focused on product development, problem solving using Engineering Tools in a Team) POs Addressed: PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12,	176
1. Limited exposure to emerging technologies (e.g., drones, advanced coding, innovation ecosystems). 2. Lack of practical and competitive technical experience . 3. Insufficient skills in innovation, entrepreneurship, and product pitching . 4. Weak interdisciplinary learning and adaptability across domains . 5. Limited confidence in technical communication and presentation	Tecnica'25 (Technical events like Drone War, Drone Expo, CodeX, MultiVerse of Languages, Shark Tank) POs Addressed: PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12,	185

1. Limited exposure to real-time, industry and societal problem statements 2. Lack of experience in large-scale competitive innovation platforms 3. Insufficient skills in end-to-end solution development under constraints 4. Weak integration of theoretical knowledge with practical implementation 5. Limited ability in collaborative problem solving and rapid prototyping 6. Low confidence in presenting solutions to expert panels	Smart India Hackathon'25 POs Addressed: PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO9, PO10, PO11, PO12,	162
1. Limited exposure to recent research trends and emerging computational technologies 2. Lack of experience in research paper writing, publication, and presentation 3. Insufficient interaction with researchers, academicians, and industry experts 4. Weak understanding of advanced computational techniques and their real-world applications 5. Limited confidence in technical presentation and scholarly communication	IC-RACT 2025– International Conference on Recent Advances in Computational Technique. POs Addressed: PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO12,	112
1. Limited exposure to entrepreneurship and start-up ecosystem 2. Lack of skills in innovation, ideation, and business model development 3. Insufficient understanding of market needs, feasibility, and commercialization 4. Weak ability in financial planning and resource management 5. Limited confidence in pitching ideas and presenting to evaluators/investors	"AMI START-UP" an Intra University Start-Up Competition POs Addressed: PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11, PO12,	124
1. Limited awareness of Intellectual Property Rights (IPR) and patenting processes 2. Lack of knowledge in converting innovative ideas into viable start-ups 3. Insufficient exposure to cloud technologies and deployment practices 4. Weak understanding of legal, ethical, and commercialization aspects of innovation 5. Limited skills in integrating technical solutions with business strategies	Workshop on "Converting Innovation into Start-Up with focus on IPR and Cloud Technology" POs Addressed: PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10, PO11, PO12,	134

(Academic Audit system/process and its implementation in relation to Continuous Improvement)



Academic audits are carried out periodically twice a year to ensure the efficiency of the existing academic procedures followed in the institute. Rigorous academic audits are processed by academic council which comprises of Vice Chancellor, Registrar, Pro-VC, and the Deans. This committee functions to monitor overall academic progress, the teaching – learning process and its contribution in improving CO-PO attainment. The committee directs Dean academics to initiate the process of academic audit school/department wise.

The academic audits are carried out in the month of April for even semester and in the month of October for odd semester. Following points and files are verified by the audit committee –

1. Faculty workload
2. Students' timetable
3. Course – curriculum regulations
4. Board of Studies (BOS) report
5. Faculty meeting MOM
6. Examination and evaluation pattern
7. Laboratory requisites and action taken
8. Adequacy of classrooms
9. PTI – Grievances
10. Students' extra-curricular/co-curricular activities
11. Student's internships
12. Faculty development program and participation
13. Capacity building programs and outreach activities for students
14. Study tours
15. Extramurally funded project submission
16. Faculty publications
17. Conference/ Workshop/ Symposia/ Seminar conducted
18. Invited lectures
19. Faculty achievements
20. Student's achievements
21. Corrective and preventive actions taken from last audit
22. Placement details and entrepreneurship
23. Higher studies

The above fields are verified in an Academic Audit to assess the overall effectiveness and quality of the teaching–learning process in an institution. They help evaluate proper academic planning, curriculum implementation, faculty workload distribution, and examination practices. The audit also reviews infrastructure adequacy, laboratory facilities, and grievance redressal mechanisms to ensure a supportive learning environment. Activities such as internships, extracurricular participation, study tours, and capacity-building programs indicate student development and industry exposure. Faculty development programs, publications, and funded projects reflect research contributions and professional growth. Placement records and higher studies outcomes demonstrate the success of graduates, while corrective actions from previous audits ensure continuous improvement in academic and administrative practices.

Institute Marks : 15.00

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
No. of faculty members with Ph.D. degree	9.00	6.00	8.00
No. of publications in peer reviewed journals	20.00	16.00	15.00
No. of publications in conferences	27.00	16.00	13.00

8.4 Improvement in Academic Performance (10)

Total Marks 10.00

Institute Marks : 10.00

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
Academic Performance Index (API) of the First-Year Students in the Program (Refer to section 4.3)	8.05	8.38	7.87
Academic Performance Index (API) of the Second-Year Students in the Program (Refer to section 4.4)	8.26	7.83	7.97
Academic Performance Index (API) of the Third-Year Students in the Program (Refer to section 4.5)	8.05	8.18	8.23

9 STUDENT SUPPORT AND GOVERNANCE (120)

Total Marks 95.00

9.1 First Year Student-Faculty Ratio (FYSFR) (5)

Institute Marks :

Please provide First year faculty information considering load

Name of the faculty member	PAN No.	Qualification	From Engineering Courses	Date of Receiving Highest Degree	Area of Specialization	Designation	Date of joining	Currently Associated (Yes / No)	Nature Of Association (Regular / Contract)	Date Of leaving(In case Currently Associated is 'No')
Dr. Swapnil H.	BMQPP9939J	Ph.D	No	02/03/2022	English Literature	Assistant Professor	21/06/2021	Yes	Regular	
Dr. Rajratna P.	AKMPT2230K	Ph.D	No	02/08/2017	ORGANIC CHEMISTRY	Assistant Professor	03/11/2022	Yes	Regular	
Dr. Bandana P.	CBGPP9328H	Ph.D	No	15/03/2024	Mathematics	Assistant Professor	28/07/2022	Yes	Regular	
Dr. Geeta Kirar	AWEPM1652N	Ph.D	No	24/03/2007	Pollution and its Management	Assistant Professor	23/05/2022	Yes	Regular	
Dr. Neelam J U	AARPU3558L	Ph.D	No	02/12/2009	Theoretical Nuclear Physics	Assistant Professor	12/10/2021	Yes	Regular	
Dr. Shrawani IV	HIYPM3449C	Ph.D	No	11/01/2024	Algebra Lattice Theory	Assistant Professor	28/07/2022	Yes	Regular	
Mr. Ameya Jaic	BALPM9349C	MS	Yes	22/07/2009	Mechanical Engineering	Assistant Professor	07/06/2017	Yes	Regular	
Mr. Rajesh Bhi	AQAPB6977B	M.E.	Yes	03/07/2008	DEEP LEARNING	Assistant Professor	17/10/2016	No	Regular	15/06/2024
Dr. Deepika Sh	DKFPS4842L	Ph.D	Yes	04/01/2022	CLOUD COMPUTING	Associate Professor	05/04/2024	Yes	Regular	

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8)+(NS2*0.2))/(No. of required faculty (RF4)); Percentage=((NS1*0.8)+(NS2*0.2))/RF
2023-24(CAYm2)					
Average Percentage					

9.2 Mentoring system (5)

Total Marks 5.00

9.2.1 Mentor Mentee Scheme :

The Mentoring system in Amity School of Engineering & Technology, Amity University Maharashtra (AUM) encompasses various types of mentoring, including professional guidance, career advancement, course work specific, laboratory specific, and all-round development. Each faculty member is assigned to mentor 25-30 students, ensuring personalized attention and support tailored to individual needs. The mentoring system focuses on the all-round development of students by encouraging participation in extracurricular activities, leadership opportunities, and skill-building workshops. The frequency of mentor-mentee meetings is structured to ensure continuous support and effective communication. Regular interactions between mentors and mentees occur weekly, with formal Mentor-Mentee meetings conducted twice in semester. These meetings facilitate open dialogue, enabling mentors to identify and address any academic, hostel or personal challenges faced by the students. Mentor actively support their mentee by providing guidance on recognizing and reporting ragging incidents, fostering a safe and respectful environment. By being approachable and empathetic, mentor's help mentees feel confident in standing against ragging, promoting a culture of zero tolerance, and ensuring they are informed about anti-ragging policies and procedures. This structured approach allows for timely intervention and tailored guidance, ensuring that students receive the support they need to thrive in their academic and personal lives.



Fig.9.2.1 Mentor Mentee Meeting (Group counseling)



Fig.9.2.2 Mentor Mentee Meeting (Individual counseling)

Table 9.2.1 Mentor-Mentee Allocation Summary of Department of computer science & engineering, Amity school of engineering & Technology (A.Y.2025-26)

Sr. no.	Name of faculty	Program B Tech	Current Semester	Pass out year	No. of students
1	Dr. Prashant Shukla	B Tech (4 th Year)	Sem VIII AIML	2026	32
2	Dr. Deepa Parasar	B. Tech (2 nd Year)	Sem IV- A1	2028	33
3	Dr. Swetta Kukreja	B Tech (3 rd Year)	Sem VI AIML	2027	33
4	Dr. Garima Shukla	B Tech (3 rd Year)	Sem VI CCCS, DS	2027	33
5	Dr. Rajiv Iyer	B Tech (4 th Year)	Sem VIII CCCS, DS	2026	34
6	Dr. S.M. Patil	B. Tech (2 nd Year)	Sem IV- A2	2028	33

9.2.2. Mentor Mentee Meeting Minutes

The mentor mentee meeting is properly documented in the form of minutes.

Mentor Mentee Meeting Minutes:

Mentor Name:	Dr. Garima Shukla	Meeting No:	01
Present/Absent	25/05	Total:	30

Mode of conduct: offline

Agenda of meeting:

1. To view the overall progress of theory classes and laboratory sessions for the current semester.
2. To discuss the status of assignments, tutorials, and laboratory work given to students.
3. To identify academic or administrative difficulties faced by students during the semester.
4. To encourage students to participate in technical activities such as seminars, mini-projects, coding competitions, and certification courses.
5. To review student attendance and academic performance in internal assessments.
6. To update and verify Mentor–Mentee records.

Points Discussed During the Meeting

1. Students reported that most theory and laboratory sessions are conducted regularly according to the academic timetable. Faculty members are guiding students in understanding course concepts and practical implementations.
2. The status of assignments and practical work was reviewed. Students were instructed to complete pending assignments and laboratory journals within the stipulated time.
3. Students were advised to maintain regular attendance and actively participate in classroom discussions, laboratory work, and problem-solving sessions.
4. The mentor emphasized the importance of self-learning through online platforms, technical webinars, and certification courses related to programming, data structures, and emerging technologies.
5. Students were encouraged to participate in departmental activities such as seminars, project-based learning, coding contests, and technical events to enhance their technical and communication skills.
6. Discussion was also conducted regarding internal assessment preparation, and students were advised to regularly revise concepts and clarify doubts with faculty members.
7. Students were reminded to update their mentor–mentee information and submit required academic records in the prescribed Excel sheets.

Suggestions/Feedback from the students:

Students suggested that additional problem-solving sessions may be arranged for some technical subjects to strengthen conceptual understanding.

- A few students requested extra guidance for laboratory experiments and mini-project topics to improve practical knowledge.
- Students expressed interest in organizing guest lectures, workshops, and technical seminars related to emerging areas such as Artificial Intelligence, Data Science, and Cloud Computing.
- Students also suggested that study materials and reference resources should be shared in advance to support better preparation.

Resolution suggested by Mentor:

- The mentor assured students that their suggestions will be communicated to the concerned faculty and department authorities.
- Faculty members will provide additional academic support and guidance wherever required.
- Students were advised to stay consistent with their academic responsibilities and maintain discipline in coursework and laboratory activities

Improved academic performance, increased engagement in university activities, and higher levels of student satisfaction are some of the key indicators of the systems success. Overall, the mentoring system at AUM plays a crucial role in shaping the academic and personal growth of students. Robust mentoring system not only prepares students for academic success but also equips them with the skills and confidence needed to excel in their future careers and personal endeavors.

9.2.3 Parents Teacher Interaction

Apart from mentor mentee meetings, we also have regular parents teacher interactions. The department coordinators conduct a meeting, these interactions involve collaborative efforts between parents and educators to create an environment conducive to effective learning and growth. By establishing open lines of communication, sharing insights, and working together, parents and teachers can contribute significantly to a child's educational experience. The below given is an example of the minutes of the meeting conducted with parents.

Meeting Agenda:

1. Welcome Address by Dr. Deepika Shekhawat, Dr. VedPrakash, and Rajanikanth.
2. Brief Introduction of the Department and achievements of students and faculty.
3. Discussion on Academic Performance including mid-semester marks.
4. Importance of Attendance and maintaining 75% attendance in all subjects
5. Addressing Parents' Queries related to attendance and academic progress.
6. Closing Remarks and Conclusion of the Meeting.

Parent teacher interaction (PTI) was conducted on 1st April 2025for the Semester II students. The interaction was conducted virtually on MS Teams. The details of time slot and links are provided below.

Schedule for Meeting:

Div	Time	Link of Meeting
A	10:00-11:00 PM	<u>https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d (https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d)</u>
		<u>https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d (https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d)</u>
B	3:00-4:00 PM	<u>https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d (https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d)</u>
		<u>https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d (https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d)</u>
C	4:00-5:00 PM	<u>https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d (https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d)</u>
		<u>https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d (https://teams.microsoft.com/l/meetup-join/19%3a9a7d7UEZ2MjxzOdo8jOmrNeum7iggeSk-9v3oWhTtjbs1%40thread.ta cv2/1741517185404?context=%7b%22Tid%22%3a%228d46a076-d093-416d-a57b-8692cde13bf8%22%2c%22Oid%22%3a%22b81c0c22-5684-4c89-94ec-9440a3d84797%22%67d)</u>

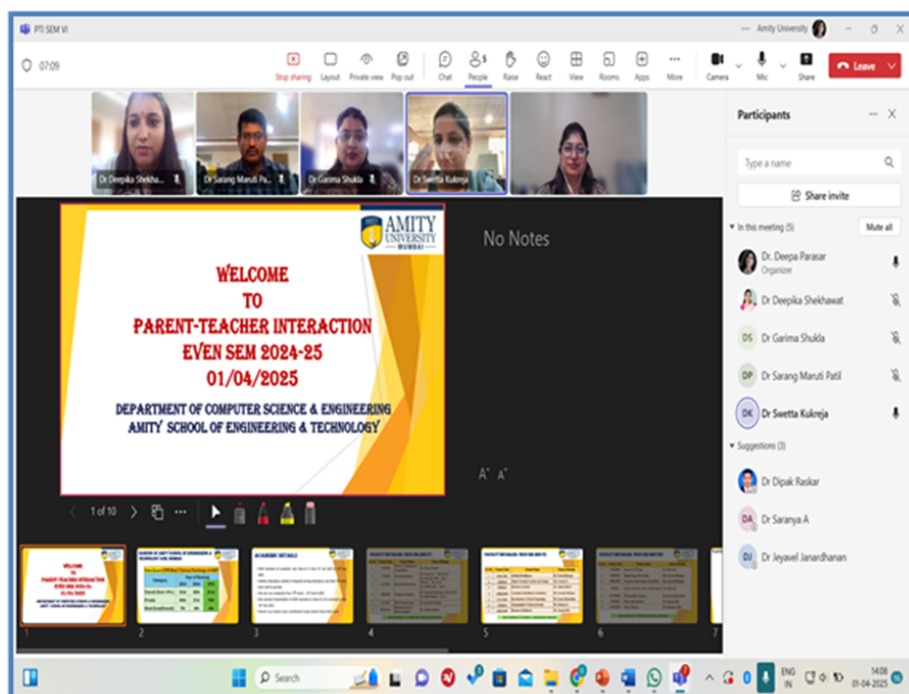
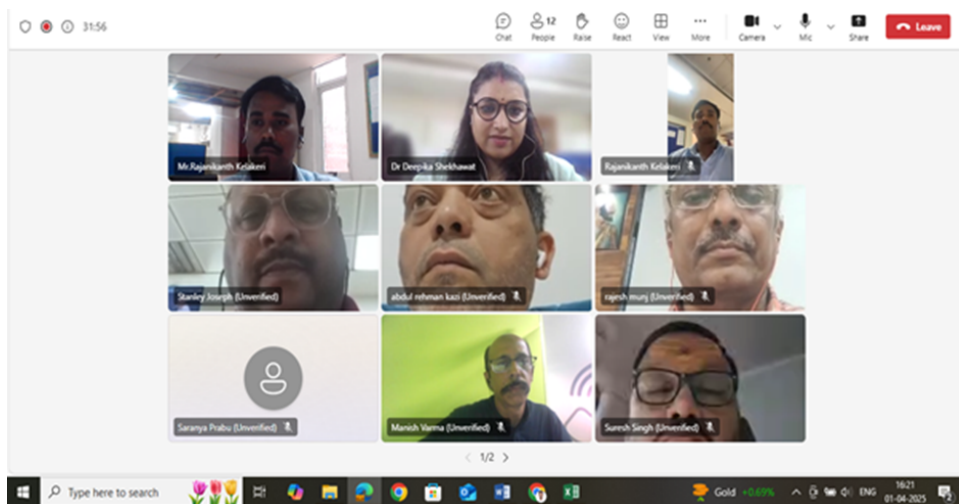
A brief information about the department and academics was given by the First Year Coordinator.

Point Discussed during PTM:

- Dr. Deepika Shekhawat (First Year Coordinator & Section Coordinator- Div B), Dr. VedPrakash (Section Coordinator- Div A) & Mr. Rajanikanth (Section Coordinator- Div C) welcomed the students and the parents and briefed about the department and the significant achievements by the students and faculty. Dr. Shekhawat had also explained about the importance of attendance in all subjects. She also emphasized on maintaining 75% attendance in all subjects as the semester is about to end in a month.
- Parents had doubts regarding the mid-semester marks and attendance of their wards in some subjects. Their queries were addressed by the faculty members and the department coordinator.
- Overall, parents were satisfied with online arrangement of PTI and appreciated the efforts taken by the faculties.

No of Participants attended the meeting:25

Division	Number of Participants	Class Coordinator	First Year Coordinator
A	10	Dr Vedprakash	
B	2	Dr. Deepika Shekhawat	Dr. Deepika Shekhawat
C	8	Mr. Rajanikanth	

Screenshots of Meeting:

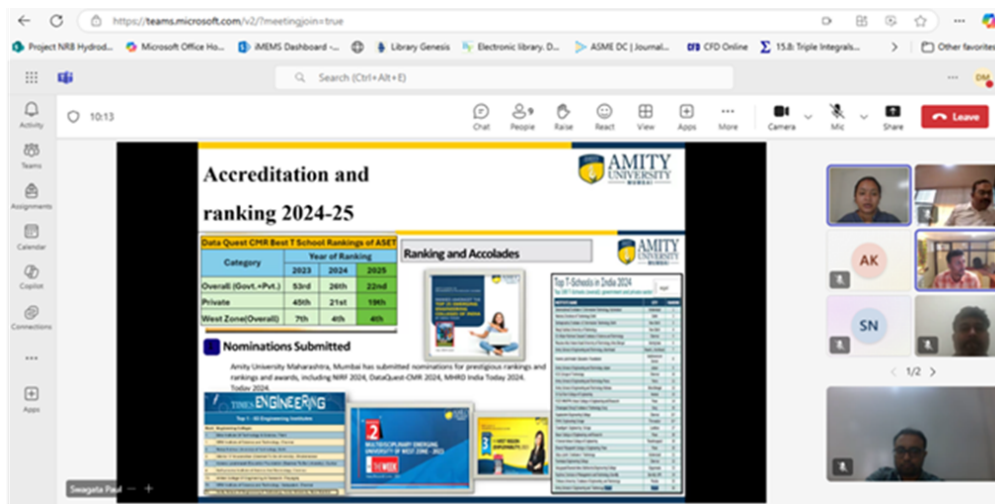


Figure 9.2.3 Parents teachers meeting Even Sem-2024-25

9.3 Feedback Analysis (10)

Total Marks 10.00

9.3.1 Feedback on Teaching and Learning Process and Corrective Measures Taken, if any (5)

Institute Marks : 5.00

1. Feedback Collection Process on TLP

The School follows a structured, transparent, and student-centric mechanism for collecting feedback on the Teaching–Learning Process (TLP). Feedback is collected through physical (offline) forms, individually filled by students to ensure authenticity and thoughtful responses.

Procedure:

- Printed feedback forms are distributed to all students enrolled in the course.
- Students complete the form individually without faculty presence to avoid bias.
- Forms are collected by designated coordinators/administrative staff.
- Completed forms are securely submitted to the department for analysis.
- Student identity is not used for evaluation; feedback is treated confidentially.

The feedback form evaluates multiple dimensions of teaching effectiveness, including:

- Course Content
- Course Delivery
- Field Connectivity & Relevance
- Continuous Evaluation
- Faculty Personality & Behavior
- Overall Suggestions

Each section carries a maximum of 20 marks, making the total score out of 100.

Sample feedback form:



AMITY UNIVERSITY MUMBAI

Established vide Maharashtra Act No.13 of 2014, of Government of Maharashtra, and recognized under Section 2 (f) of UGC Act 1956

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY AND AMITY INSTITUTE OF TECHNOLOGY

OFFLINE COURSE FEEDBACK FORM

Instructions: Please tick (✓) the appropriate box for each parameter. Each section carries a maximum of 20 marks.

Section A: Course & Faculty Details

Course Title: _____

Course Code: _____

Faculty Name: _____

Type of Course: Theory ☐ Lab ☐ Both ☐

Section B: Course Content (Max Marks: 20)

Sr.No	Feedback Parameter	Excellent (16–20)	Very Good (11–15)	Good (6–10)	Fair (1–5)	Poor (0)
1	Clarity of syllabus and objectives	☐	☐	☐	☐	☐
2	Depth and coverage of topics	☐	☐	☐	☐	☐
3	Relevance to program	☐	☐	☐	☐	☐
4	Availability of learning resources	☐	☐	☐	☐	☐

Marks Awarded: _____ / 20

Section C: Course Delivery (Max Marks: 20)

Sr.No	Feedback Parameter	Excellent (16–20)	Very Good (11–15)	Good (6–10)	Fair (1–5)	Poor (0)
5	Clarity of explanation	☐	☐	☐	☐	☐
6	Effectiveness of teaching methods	☐	☐	☐	☐	☐
7	Use of teaching aids	☐	☐	☐	☐	☐
8	Student engagement & interaction	☐	☐	☐	☐	☐

Marks Awarded: _____ / 20

Section D: Field Connectivity & Relevance (Max Marks: 20)

Sr. No	Feedback Parameter	Excellent (16–20)	Very Good (11–15)	Good (6–10)	Fair (1–5)	Poor (0)
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Figure 9.3.1: Screenshot of feedback form

2. Average Student Participation

Since feedback is collected physically in the classroom, participation is consistently high.

- Average participation: 85% – 95% of enrolled students

- Feedback is collected during scheduled academic hours to ensure maximum response rate

3. Feedback Analysis Process

After collection, the feedback forms undergo systematic quantitative and qualitative analysis.

3.1 Quantitative Analysis

- Each parameter is rated using five levels: Excellent, Very Good, Good, Fair, and Poor.
- Marks are assigned according to the defined scale:

Excellent: 16–20

Very Good: 11–15

Good: 6–10

Fair: 1–5

Poor: 0

- Section-wise scores are calculated
- Total score out of 100 is computed for each faculty/course
- Average score is calculated across all student responses

3.2 Qualitative Analysis

- Written comments and suggestions are reviewed carefully
- Recurring issues are identified
- Positive practices are documented
- Specific concerns are flagged for action

4. Basis of Reward / Corrective Measures

The feedback score serves as an important input for academic performance assessment of faculty during the assessment period.

Reward Criteria

Faculty members receiving high scores (typically $\geq 90\%$) are recognized through:

- Commendation in departmental meetings
- Consideration for academic responsibilities
- Recognition during annual performance appraisal

Corrective Measures Criteria

Faculty members receiving lower scores (typically $\leq 30\%$) are provided developmental support, including:

- Academic mentoring by senior faculty
- Pedagogical training workshops
- Review of teaching methodology
- Classroom observation and feedback

Amity University Maharashtra (AUM) employs a systematic approach to gather feedback on its facilities, including feedback forms and direct interactions between students and faculty. At the beginning of each semester, an audit is conducted to evaluate the availability, adequacy, and functionality of classroom and lab facilities. Class coordinators also regularly collect feedback from class representatives regarding facility needs. This direct input from students provides a comprehensive understanding of their experiences and concerns.

9.3.2.1. Feedback Collection Process

Amity School of Engineering & Technology (ASET), Mumbai has established a systematic mechanism to collect feedback from students regarding academic and infrastructural facilities in order to continuously improve the learning environment.

The feedback form is designed to assess the adequacy, availability, and quality of different facilities provided to students.

The feedback form consists of multiple sections covering the following aspects:

9.3.2.2 Feedback Analysis Process

After collecting the feedback, the data is compiled and analyzed by the Departmental Academic Committee / Internal Quality Assurance Team.

The analysis process includes the following steps:

1. Data Compilation

All responses are compiled into a consolidated dataset for each department and semester.

2. Statistical Analysis

Average ratings are calculated for each parameter to identify the level of satisfaction among students.

3. Identification of Areas for Improvement

Parameters receiving lower ratings (≤ 3) are identified as areas requiring attention.

4. Discussion in Departmental Meetings

The results are discussed in Department meetings and presented to the Head of Department and institute administration.

5. Preparation of Action Plan

Based on the analysis, corrective actions and improvement measures are proposed.

1. Key Observations from Feedback

The feedback analysis during the assessment period indicated the following general trends:

- Students were largely satisfied with classroom infrastructure and teaching facilities.
- Laboratory facilities and availability of equipment were rated positively, though periodic upgrades were suggested.
- Library resources and access to digital databases were considered useful by most students.
- Some students suggested improvements in Wi-Fi connectivity and availability of advanced software tools.
- A few suggestions were received regarding canteen services and sanitation facilities.

9.3.2.4. Corrective Actions Taken

Based on the feedback received from students, the institute implemented several improvement measures.

Academic Infrastructure Improvements

- Installation and maintenance of projectors.
- Regular maintenance of laboratory equipment and instruments.
- Updating laboratory manuals and practical instructions.

Library and Learning Resources

- Addition of new textbooks, reference books, and e-journals based on course requirements.
- Expansion of digital library resources and database subscriptions.

IT and Computing Facilities

- Upgradation of internet bandwidth and campus Wi-Fi coverage.
- Installation of latest software tools required for programming, simulation, and design courses.

Campus Facilities

- Improvement in cleanliness and sanitation facilities.
- Regular monitoring of drinking water and medical facilities.
- Strengthening campus safety and security measures.



AMITY UNIVERSITY MUMBAI

Established vide Maharashtra Act No.13 of 2014, of Government of Maharashtra, and recognized under Section 2 (f) of UGC Act 1956

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY AND AMITY INSTITUTE OF TECHNOLOGY

FEEDBACK FORM ON ACADEMIC FACILITIES

Instructions: Please indicate your level of satisfaction for each facility.

Rating Scale: 5 — Excellent | 4 — Very Good | 3 — Good | 2 — Average | 1 — Poor

Academic Year:

Program:

Department:

Year/Semester:

A. Classroom Facilities

Sr. No.	Parameter	5	4	3	2	1
1	Adequacy of classroom space	☐	☐	☐	☐	☐
2	Seating arrangement & comfort	☐	☐	☐	☐	☐
3	Lighting & ventilation	☐	☐	☐	☐	☐
4	Audio-visual facilities (Projector/Smart board)	☐	☐	☐	☐	☐
5	Cleanliness of classrooms	☐	☐	☐	☐	☐

B. Laboratory Facilities

Sr. No.	Parameter	5	4	3	2	1
1	Availability of laboratory equipment	☐	☐	☐	☐	☐
2	Condition & maintenance of equipment	☐	☐	☐	☐	☐
3	Availability of lab manuals/instructions	☐	☐	☐	☐	☐
4	Safety measures in laboratories	☐	☐	☐	☐	☐
5	Technical support during lab sessions	☐	☐	☐	☐	☐

C. Library & Learning Resources

Sr. No.	Parameter	5	4	3	2	1
1	Availability of textbooks & reference books	☐	☐	☐	☐	☐
2	Access to journals / e-resources	☐	☐	☐	☐	☐
3	Reading room facilities	☐	☐	☐	☐	☐

4	Library staff support	☐	☐	☐	☐	☐
5	Library working hours	☐	☐	☐	☐	☐

D. Computing & IT Facilities

Sr. No.	Parameter	5	4	3	2	1
1	Internet / Wi-Fi facility	☐	☐	☐	☐	☐
2	Computer laboratory facilities	☐	☐	☐	☐	☐
3	Availability of software/tools	☐	☐	☐	☐	☐
4	Technical support services	☐	☐	☐	☐	☐

E. Campus Infrastructure & Support Facilities

Sr. No.	Parameter	5	4	3	2	1
1	Cleanliness of campus	☐	☐	☐	☐	☐
2	Drinking water facilities	☐	☐	☐	☐	☐
3	Washroom & sanitation facilities	☐	☐	☐	☐	☐
4	Medical facilities	☐	☐	☐	☐	☐
5	Canteen facilities	☐	☐	☐	☐	☐
6	Safety & security on campus	☐	☐	☐	☐	☐

F. Overall Satisfaction

☐ Excellent ☐ Very Good ☐ Good ☐ Average ☐ Poor

G. Suggestions for Improvement:

H. Additional Comments (if any):

Date: _____

Figure 9.3.2: Screenshot of feedback form (Academic facilities)

After collecting the feedback, it is carefully analyzed. Faculty and lab coordinators then implement corrective measures based on this analysis. These actions may involve upgrading lab equipment, ensuring a consistent supply of necessary materials, improving the layout of labs for better accessibility, and addressing specific issues raised by students. By actively responding to student feedback, faculty and lab coordinators work to enhance the overall lab experience, fostering continuous improvement and creating a better learning environment for students.

The Corporate Research Center (CRC) at Amity University Maharashtra (AUM) serves as a vital link between academia and industry. Recognizing the importance of providing students with opportunities to apply their skills and talents, the CRC is dedicated to ensuring that every student has access to the right placement opportunities. The CRC maintains regular communication with the corporate world, assisting students in career preparation. An industry-specific advisory center, established with the support of leading corporate members, offers guidance on career planning, professional development, and achieving career goals. The CRC also facilitates campus recruitment by inviting corporate houses to the AUM campus, fostering campus tie-up opportunities.

The below is the list of guidance given by CRC

- To provide career guidance about avenues open after graduation. ie. Higher education, placements, or entrepreneurship
- To provide recruitment to students.
- To have good relations with the recruiters.
- Managing Recruiters correspondence and feedback's.
- Organizing Pre- Placement Training's.
- Providing Training & Placement process awareness to first year students.
- Planning and organizing various Placement drives in campus.
- Finding, informing and managing Pool Placements drives.
- To build the bridge between industry and academia.
- Placement Cell provide guidance to the students for selecting right career
- To give knowledge, improve skill with aptitude test.
- Gathering information about job fairs and all relevant recruitment advertisements.
- Organizing pre-placement training/workshops/seminars for students.
- Collecting feedback from employers where our students are selected.
- To act as a bridge between students, alumni and the employment community.

Activities Conducted by CRC:

The CRC at Amity University Maharashtra conducts a range of training sessions designed to prepare students for their careers. These sessions cover CV preparation, interview skills, and interactions with industry experts. Additionally, the CRC organizes guest lectures by industry professionals to inform students about industry expectations and help them transition smoothly into the corporate world.

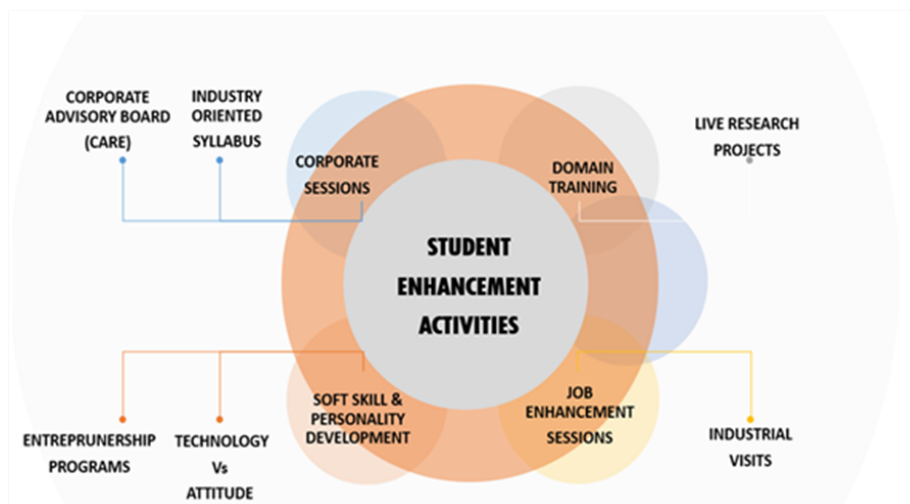


Figure 9.4.1: Activities through CRC for Student Skill enhancement



Fig.9.4.2 Interview Techniques Workshop



Fig.9.4.2a Interview Techniques Workshop



Fig.9.4.3 The Group Discussion (GD) Workshop

Mr. Sanjay Gouda- conducted a workshop that included interactive discussions, practical group discussion (GD) exercises, and a Q&A session. The workshop was designed to help students develop essential skills for effectively participating in and leading group discussions.



Fig.9.4.4 .1 The Group Discussion (GD) Workshop



Fig.9.4.4.2 The Group Discussion (GD) Workshop





Fig.9.4.5 Placement drive glimpses



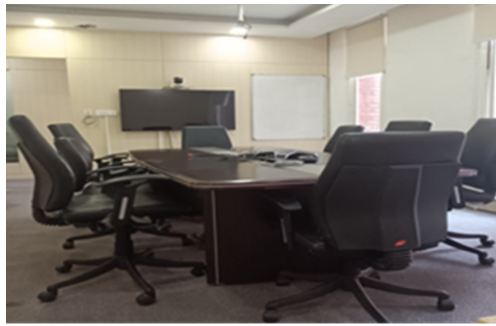


Figure State of the art facilities are available for the campus training and recruitment.

The curriculum has been designed in line with the needs of the industry to make the students industry ready.

Year	Sem	Training Module
1	II	Career orientation
2	III	Grooming Personality Development
3	IV	Communication Skill training Industry-relevant Domian training Corporate seminars
4	V	Presentation Skills Office & Corporate etiquettes Resume making
5	VI	Group discussions Interview Skills Mock panel interview
6	VII	Team Building Skills Leadership Skills

Our recruiters:

Table 9.4.1 List of recruiters.

Sr. No.	Name of the Company	Sector
1	KPMG India Ltd.	IT &ITeS
2	Panshul Technologies LLP	Manufacturing
3	Heterize Infotech Private Limited	IT &ITeS
4	Mu Sigma Business Solutions Private Limited	IT &ITeS
5	IBM	IT &ITeS
6	DeltaX Drive	IT &ITeS
7	Bryka Group	Manufacturing
8	Netwin Systems and Software (I) Pvt. Ltd.	IT &ITeS
9	Atidan Technologies Private Limited	IT &ITeS
10	TechAlpha Group LLC	IT &ITeS
11	Sciative	IT &ITeS
12	BharatNxt Pvt. Ltd.	IT &ITeS
13	Max Security	Consulting
14	Pubmatic	IT& ITes

15	Heiterz Infotech Pvt. Ltd.	IT &ITeS
16	Digital Edge	IT &ITeS
17	DigiChain Global Holdings LLC	IT &ITeS
18	Teksystems Allegis Group	IT &ITeS
19	Teachnook	IT &ITeS
20	Innodata	IT &ITeS
21	General Technologies	Manufacturing
22	Leadsquared	IT &ITeS
23	Cyfuture Pvt. Ltd.	IT &ITeS
24	Pipeline infrastructure	Manufacturing
25	Mindenius Company	Education
26	Infrassit Technology	IT
27	Metricoid Technology Solutions Pvt. Ltd.	IT &ITeS
28	Getwork	IT&ITs
29	HSBC Technology India	IT &ITeS
30	Recruit CRM	IT &ITeS
31	BNP Paribas India Solutions Pvt. Ltd.	IT &ITeS
32	Redington Ltd.	Manufacturing
33	Markytics Consulting Pvt. Ltd	Communication
34	Cloud4C	IT &ITeS
35	Human Resocia	IT &ITeS
36	Hewlett Packard Enterprise	IT &ITeS
37	Info Edge Ltd.	Ecommerce
38	Sekhio Cooperation	IT &ITeS
39	Coforge	IT &ITeS
40	Bosch Global Software Technologies	IT &ITeS
41	Capgemini (Mumbai)	IT &ITeS
42	Wipro Technologies	IT &ITeS
43	JTP	IT &ITeS
44	Vercel	IT &ITeS
45	Coditas Solutions LLP	IT &ITeS
46	UKG (Ultimate Kronos Group)	IT &ITeS
47	Rinex Technologies Pvt Ltd	IT &ITeS
48	Sutherland Global Services	IT &ITeS
49	Thales	IT &ITeS
50	Acies Global	IT &ITeS
51	DeltaX	IT &ITeS
52	Wayspire ed-tech Private Limited.	IT &ITeS
53	The Raigad Group	manufacturing
54	Jio Platform Ltd.	IT &ITeS
55	Kayanak Technologies LLP	IT &ITeS
56	Indian switchgears consu	Manufacturing
57	LaunchED Global	Education
58	Glow logic solutions	Education
59	Bhandhan AMC Ltd.	NBFC
60	RNF Technologies	IT &ITeS
61	Paramatrix Technologies Pvt. Ltd.	IT &ITeS
62	SocioSqaure Digitech Pvt Ltd	Communication
63	Shivalay Group	Real estate
64	Cold Star Logistics	SCM
65	Tredura	E-Commerce
66	Movidu Technology Pvt. Ltd.	IT & ITS
67	C-BIA Solutions & Services LLP	IT
68	MSX International	
69	Shreehari Infrastructure	Real Estate
70	Technik Infinite Solutions Pvt. Ltd.	IT &ITeS
71	C-BIA Solutions & Services LLP	IT &ITeS
72	Indian switchgears and consultants	IT &ITeS
73	StampIT Robotai & Solutions Pvt. Ltd.	IT &ITeS
74	ABEC Exhibitions & Conferences Pvt. Ltd.	IT &ITeS
75	Universal Lab Solutions	Consulting
76	Reality Premedia Services Pvt Ltd.	Consulting
77	Wipro	IT
78	Sekel Technologies	IT
79	Zycus	IT
80	Fosroc chemicals	Manufacturing
81	Flydocs India Private Limited	Manufacturing
82	Esmech Equipment SMS Group	Manufacturing
83	Amukha Technologies Pvt. Ltd	IT

84	SMS group	Manufacturing
85	California Creative Solution Inc.(CCS Global Tech)	IT
86	Wayspire Ed-Tech Private Limited	Edtech
87	Paytm	Fintech
88	Siemang	Manufacturing
89	Anmukha Technologies	IT / ITES
90	Headsup Corporation	IT / ITES
91	Portescap India Pvt. Ltd.	IT / ITES
92	Listenlights Pvt Ltd.	Manufacturing
93	Bajaj Electricals	Manufacturing
94	Glencore India Pvt. Ltd	IT / ITES
95	SKH Group Ltd.	Manufacturing
96	Pearl Dairy	Manufacturing
97	Quality kiosk	IT / ITES
98	IR Tech	IT / ITES
99	JK Tech	IT / ITES
100	Japanese Companies Job Fair	IT / ITES
101	Jyesta Corp	IT / ITES
102	ZS Associates	IT / ITES
103	Clarity App	IT / ITES
104	India Filinings	IT / ITES
105	Century Fibre Plates(P) Ltd	Manufacturing
106	FileAgo Software Pvt. Ltd	IT/Ites
107	Movidu Technology Pvt Ltd	IT / ITES
108	Hilti Technology Solutions India	Construction
109	Carnot Technology	IT / ITES
110	Infigon Futures	Education
111	Fincart	Financial Services
112	TATA Electronocs	IT &ITeS
113	Volkswagon Group	Manufacturing
114	Flamingo infinite	IT / ITES
115	Stellar innovations	IT / ITES
116	Genius Tech Solution	IT / ITES
117	3C3 India Pvt Ltd	IT / ITES
118	Hariom Nct Services	IT / ITES
119	SolarSquare Energy	Manufacturing
120	Pwanda affiliates	Manufacturing
121	Techfer Global Pvt. Ltd.	IT / ITES
122	Wonderbiz	IT / ITES
123	Total Moment	FMCG
124	ConsultAdd Services Private Limited	IT / ITES
125	Sono Vision	Aeronautical
126	Firstsource Solutions	IT &ITeS
127	Labsity	EduTech

Students from Amity University Maharashtra have successfully secured placements in organizations such as KPMG India Ltd, HSBC Technology India,JTP, IBM, Indian switchgears and consultants Jio Platform Ltd, BharatNxt Pvt. Ltd etc for more details please refer the Table 9.4.2 List of students who secured placements in the 2025-2026 academic year



Campus Placement

AMITY UNIVERSITY
MUMBAI



Prashant Dubey
B.Tech CSE
2022-2026

Congratulations
to the student of
Amity School of Engineering & Technology
for receiving campus
placement at :

evonix



Campus Placement

AMITY UNIVERSITY
MUMBAI



Vanshraj Awasthi
B.Tech CSE
2022-2026

Congratulations
to the student of
Amity School of Engineering & Technology
for receiving campus
placement at :

evonix



Campus Placement

AMITY UNIVERSITY
MUMBAI



Harshita Joshi
B.Tech CSE
2022-2026

Congratulations
to the student of
Amity School of Engineering & Technology
for receiving campus
placement at :

KPMG



Campus Placement

AMITY UNIVERSITY
MUMBAI



Vanya Fulzele
B.Tech CSE
2022-2026

Congratulations
to the student of
Amity School of Engineering & Technology
for receiving campus
placement at :

Capgemini





Figure 9.4.6 Placed student in A.Y.2025-26 (2026 Pass out batch)

Table 9.4.2 Placed student in A.Y.2025-26 (2026 Pass out batch)

Sr.No	Enrolment No	Student Name	Name of Company
1	A70405222002	Mr RIANE VINAYAK MANGAT	Riana Enterprises
2	A70405222005	Ms ARADHYA KAPIL	BNP Paribas / Capgemini
3	A70405222019	Ms JOSHI HARSHITA DAYAL	KPMG Pvt Ltd / Glowlogics Solutions Private Limited
4	A70405222021	Mr PRASHANT DUBEY	Evonix Technologies Pvt Ltd
5	A70405222024	Mr ABHISHEK S DAIVATHINVEETIL	Regenerative ai
6	A70405222025	Mr SUNDARAM SINGH	RegenAI
7	A70405222026	Ms SAMPURNA ROY	Tristar Engineering & Chemical Co
8	A70405222033	Mr PRIYANT BANERJEE	IIIT Hyderabad
9	A70405222039	Mr SAURABH KUMAR JHA	Acmegrade / Glowlogics Solutions Private Limited / Learnflu
10	A70405222045	Ms PRANJALI SANTOSH SAWANT	Regenerative ai
11	A70405222048	Mr ADITYA KAMAROUTHU	Onshore Partnerships
12	A70405222051	Mr SAHIL TIWATNE	Techolution / Labsity / Glowlogics Solutions Private Limited
13	A70405222056	Mr BALI RATNA SEKHAR	KPMG / Labsity / LearnFlu Edutech / Q Spider / Mindenious
14	A70405222058	Mr VULLI JATHIN KARTHIKEYA	
15	A70405222059	Ms PRIYATHARSHINLC	FWC / Jyesta Corporate
16	A70405222063	Mr HARSH SHAH	Jyesta Corporate
17	A70405222066	Ms BHOIR ADITI RATNAKAR	LearnFlu Edutech / Jyesta Corporate
18	A70405222067	Mr JABIR ALI	RTDS / Jyesta Corporate
19	A70405222068	Mr SAHIL THARWAL	KareXpert Technologies Pvt Ltd
20	A70405222075	Mr SOHAM THOMBRE	Capgemini / Jyesta Corporate / QSpider
21	A70405222079	Ms HINDH K NASAR	Acmegrade / Labsity / Ratebot.ai (http://ratebot.ai/)
22	A70405222080	Mr VANSHAJ AWASTHI	Evonix Technologies Pvt Ltd
23	A70405222081	Ms RUHI MADHANI	Human Resocia Co., Ltd.
24	A70405222084	Ms AYESHAA S	QSpider
25	A70405222087	Mr NAYAKANTI BHARATHSIMHA REDDY	Labsity / QSpider
26	A70405222094	Mr VUDUMULA SAI LIKITH REDDY	Mindenious
27	A70405222099	Mr SUBHAM BEHERA	Labsity
28	A70405222106	Mr JANA ANIKETH ACHINTYA	Glowlogics Solutions Private Limited /QSpider
29	A70405222122	Mr SAGAR DAS	BNP Paribas / Labsity / QSpider / Coditas LLP
30	A70405222123	Ms LAIBA KHAN	KPMG India Ltd. / QSpider
31	A70405222135	Mr SANKET SHIVAJI SURADKAR	QSpider

32	A70405222136	Ms AYISHA RAINA	Labsity / LearnFlu Edutech / QSpider
33	A70405222137	Mr SHAIKH MOHAMMED DANISH AFSAR	Jyesta Corporate
34	A70405222149	Mr SHASHWAT MAHAJAN	HIT Global
35	A70405222168	Mr ARYAN JAGDISH PATIL	Acmegrade / QSpide

Support for Higher Studies:

AUM faculty play a crucial role in supporting students aspirations for higher studies by providing Letters of Recommendation (LORs) and guidance throughout the application process. They mentor students in selecting appropriate courses and research opportunities, advise on career paths, and help navigate the complexities of applying to graduate programs. Faculty also offer insights into potential institutions, assist with preparing application materials, and provide encouragement to help students achieve their academic goals.

Students pursuing higher studies are listed below:

Students selected for Higher Studies in Year 2024-25

Sr. No.	Registration/ Enrollment No.of the student in your Institution	Student Name	Name of the University/ Institutions where selected for higher studies	Year of admission in higher studies program
1	A70405221099	Ms.Annie Thomas	NIT Puducherry,India	2025
2	A70405221045	Ms.Gandharvi Girish Ghodge	UNSW Sydney, Australia	2025
3	A70405221097	Mr.Lekhrji Hitendra Sonawani,	Somaiya Vidyavihar University, Mumbai,India	2025
4	A70405221109	Ms.Rose Shyae	Keele University	2025
5	A7040521020	Mr. Apurv Shrikant Naik	University of Southern California	2025
6	A70405221015	Ms. Rajaswi Rajesh Bele	Cranfield University	2025
7	A70405221027	Ms. Saece indrajit Bamdsode	Ecole Nationale de L'Aviation Civile	2025
8	A70405221010	Ms. Shweta Sunil Shinde	Cranfield University	2025
9	A70405221033	Ms.Pranjali Digambar Jain	Indian Institute of Space Science and Technology, Thiruvananthpuram,India	2025
10	A70405221035	Ms.Kadam Vaishnavi Mahesh	Nottingham Trent University	2025
11	A70405221036	Mr. Pranay kumar Pandey	Indian Institute of Space Science and Technology, Thiruvananthpuram,India	2025
12	A70405221041	Mr. Pranay Prem Nair	Ecole centrale de Lyon	2025
13	A70405221043	Mr. Soham Santosh Ghorpade	IIT Kanpur,India	2025
14	A70405221044	Ms. Devyani Atmaram Jadhav	Cranfield University	2025
15	A70499821006	Mr.Virajas Dandnaik	VIT Velloor,India	2025
16	A70405221041	Mr SHOURYA RAKESH DWIVEDI	Amity university,Mumbai	2025



Keele Student number: 26002973
2 December 2025

Miss Rose Shyr
454, Suman Street/3A
Golden nest phase 1, Bhayandar, Mumbai

ST2 1AD
RDIA

Dear Rose

Congratulations! I am pleased to inform you that on the basis of the information provided in your application we can make you a conditional offer of a place to study the following course at Keele University:

Course Details
Course of study: Master of Science (with Placement) in Project Management with Placement
Start Date: 17 September 2026
Expected Course Length: 1 Year's Taught Masters Full Time plus Placement Period of between 6 and 12 months
Mode of Attendance: Full-time

Tuition fee details
Fees payable in year 1: £18,200.00
Please note fees normally increase in line with inflation and the University's strategic approach to fees which is reviewed on an annual basis. The total fee you pay may therefore increase after one year of study.
Deposit payment: £4000 as evidence of approved financial sponsorship following receipt of an unconditional offer.

The conditions of your offer are as follows:

Please provide a Medium of Instruction (MOI) letter from your university. This must be on letter headed paper and signed. Please note that we cannot accept MOIs from affiliated colleges. Please provide a satisfactory academic reference, please follow this link for guidance - <https://keele.ac.uk/pg-ref>. Provide a personal statement explaining in detail your motivation for applying and your academic and professional aspirations, to support your application for your chosen course. Provide a copy of your Degree/Certification Certificate and Transcript confirming your successful completion and award of B.Tech from Amity University, Maharashtra with 8.28 CGPA in May 2025.

What you need to do next
Upload the documents that demonstrate you meet the conditions of your offer e.g. your degree, certificate, transcript and English Language qualification, to the Applicant Portal. Only upload documents Admissions has asked you to, please do not send documents by email and there is no need to email to tell us you have uploaded documents.

If these documents are not currently available, please upload them as soon as you have them.

The Admissions team will then review the documentation that you have provided and confirm your place when you have demonstrated you meet all the conditions. Please allow 20 working days for your documents to be processed. Keep checking the Applicant Portal for updates and if your conditions have been met you will be able to accept your offer.

You may be entitled to our Postgraduate Global Scholarship worth up to £5000. Please see <https://www.keele.ac.uk/study/postgraduate/global-scholarship/> for full details.

Yours sincerely,

Dr Leifera
Deputy Director of Global Student Recruitment and Admissions
Keele Admissions & Enquiries team



3 October 2025

Gandharv Girish Ghodge
CIP Mumbai-Vashi
Goodwell Excellency, 10th floor, Plot no 2, Sector 17,
above Taranga showroom
Mumbai, Maharashtra 400705
India

Student ID: 5730352
Application No: 01532096
Date of Birth: 19 December 2003

Dear Mr Ghodge,

Postgraduate Letter of Offer: Term 1 2026

Congratulations from UNSW Sydney! I am very pleased to offer you a place to study at our University - proudly ranked 19th in the world overall (2025) and 29th by employers (2022) in the QS World University Rankings.

Following are your program details, conditions of offer, a list of outstanding documents (if applicable), instructions for accepting this offer, deadlines and important information about visa and government requirements.

Please read this letter carefully and contact us immediately if you have any questions.

Program Details	
Program Code	8026
Program Name	Data Science and Decisions
Academic Plan	Computational Data Science
CRICOS Course Code	0101896
Program Type	Master's Degree (Coursework)
Campus	Sydney
Location	Kensington
Attendance Pattern	Full-time
Mode of Study	Face-to-face (includes blended)
Starting Term	Term 1 2026
Start Date	18 February 2026
Expected End Date ¹	15 January 2027
Fee Type	International fee paying
Indicative First Year Tuition Fee (2025) ²	AUS\$58,500.00
Indicative Full Program Tuition Fee ³	AUS\$121,000.00
Exclusive Medicines Comprehensive QSHC ⁴ (12 Months Single Cover)	AUS\$769.00

¹ The expected end date does not include public holidays and does not account for any semester break/teaching/assessment breaks.
² Indicative first year tuition fee is a current estimate of tuition fees for the 2025 intake. Fees are a guide for comparison only based on current conditions and a variety of other factors. They should not rely on indicative fees. More information on fees can be found at www.unsw.edu.au/fees
³ Indicative full program fee is a current estimate of full tuition fees and other compulsory study costs including QSHC. Details of compulsory non-tuition fees are available in the Computation Fee Tuition Fees Table in document A.
⁴ Please note that the QSHC amount quoted above is an indicative amount based on coverage of a single person under the University's preferred health insurance policy.

5730352

UNSW Sydney
AUS\$121,000.00
CRICOS Provider No 000960



March 19, 2025

Apari Shankar Nalik
A-1, Uddan Cha, Thangwadi
Near Sanyasa Bhawan, Jyoti Vihar
Thane, In-Mh, 421301,
India

Dear Apari Nalik,

Congratulations on your admission to graduate study at the University of Southern California. Your academic records indicate that you will make a significant contribution to academic life at the university.

You have been admitted as a graduate student in Aeronautical Engineering within the Andrew and Bessie Viterbi School of Engineering for Fall 2025. Your degree objective is the Master of Science. Please include your USC ID (#419-4212-68) whenever you correspond with the university. This admission is offered subject to your maintaining your present level of academic achievement. If you have not already done so, you must provide proof of satisfactory completion of any studies in progress, and submit final academic records from each institution you have attended. Important information about placement exams and orientation will be sent to you by e-mail. While enrolled at USC, you are expected to maintain a 3.0 GPA or better to remain eligible to complete your degree. Please note that any courses taken outside of those specified for your degree program in the USC Catalogue require advance approval from your department. Change of major requests may be submitted only after completion of your first semester. Please carefully review the Continuing Registration Requirement information which lists all the requirements you must meet within your first term(s) of USC enrollment to continue in your degree program. You must meet with a staff advisor to resolve these conditions.

We encourage you to review the admitted student portal at gradwelcome.usc.edu, which includes specific information about registration and enrollment. You will also find a link to the portal at www.usc.edu when you click on the Statement of Intent button. Please submit the Statement of Intent: Graduate Studies form whether or not you decide to enroll at USC. Certifying your USC enrollment will allow you to create your university e-mail account, register for Graduate Student Orientation, and access your USC records.

We are delighted to officially welcome you to our community of scholars, and look forward to seeing you on campus!

Sincerely,

Jennifer K. Brunsell
Dean of Admission

Annexure-11



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF AEROSPACE ENGINEERING

No.AOP/Admiss/2025-26/ITK-MTDP25633
Date: 26 May, 2025

To:
Mr. SOHAM SANTOSH GHORPADE
sohamghorpadet@gmail.com

Dear Soham Santosh Ghorpade,

Subject: Admission to MTech in the First Semester 2025-2026

Congratulations!

I am glad to inform you that you have been selected for provisional admission to the M.Tech Programme in the Department of Aerospace Engineering, subject to the condition of providing original documents at the time of registration and graduating with the prescribed minimum.

Established in 1964, the Aerospace Engineering department is among the leading departments in the country specialising in core domains of aerodynamics, flight mechanics, propulsion, and aerospace structures, and interdisciplinary areas of aero-thermodynamic and thermal systems (ATTS), computational mechanics (CM), and unmanned aerial systems (UAS). The department has also developed excellent collaborative relationships with the industry and R&D institutions, both in the public and private sector, leading to work on several advanced research projects including those of national importance.

Our mission is to provide the highest quality education in state-of-the-art aerospace engineering principles and practices at undergraduate and post graduate levels through classroom teaching and hands-on training; conduct cutting edge research to advance the state of knowledge in the broad disciplines of aerospace sciences and technologies; contribute towards the advancement of aerospace engineering practice and education through publications in the engineering and educational literature; and contribute to the advancement of the aerospace technologies in India by working in close association with industry, government and other academic institutions.

Welcome onboard the department!

The date of commencement of 2025-26 Sem I is **July 28, 2025**.
The date of reporting on campus for 2025-2026 Sem I is **July 24, 2025**. Please keep checking the websites of the Dean of Academic Affairs (<https://www.iitk.ac.in/daaa/>) or Institute Counselling Service regularly (<https://www.iitk.ac.in/counsel/>) for the other details.

Figure 9.4.8 Admission letter for higher study in A.Y.2025-26 (2026 Pass out batch)

Alumni Microsite of Amity University Mumbai:

Amity University Mumbai maintains an alumni microsite called Ami-connect, which serves as a virtual homecoming for graduates worldwide. This platform offers resources, networking opportunities, and ways to stay connected with fellow alumni, faculty, and the university community. The Amity Alumni Association aims to build a strong sense of camaraderie among alumni and the university through various events, enabling alumni to share their collective knowledge and perspectives, thereby contributing to the university's life and working together to create a better future. The Ami-connect microsite provides alumni with access to exclusive job listings, professional development resources, and continuing education opportunities. Alumni participate in webinars, workshops, and seminars organized by the university, staying updated on the latest advancements in their respective fields. The platform also facilitates mentorship programs where experienced alumni guide current students and recent graduates, offering insights and advice based on their professional journeys. By maintaining strong ties with its alumni, Amity University Mumbai ensures that graduates continue to benefit from the university's resources and community long after completing their studies. The microsite can be accessed at <https://amiconnect.amity.edu/> (<https://amiconnect.amity.edu/> (<https://amiconnect.amity.edu/>))

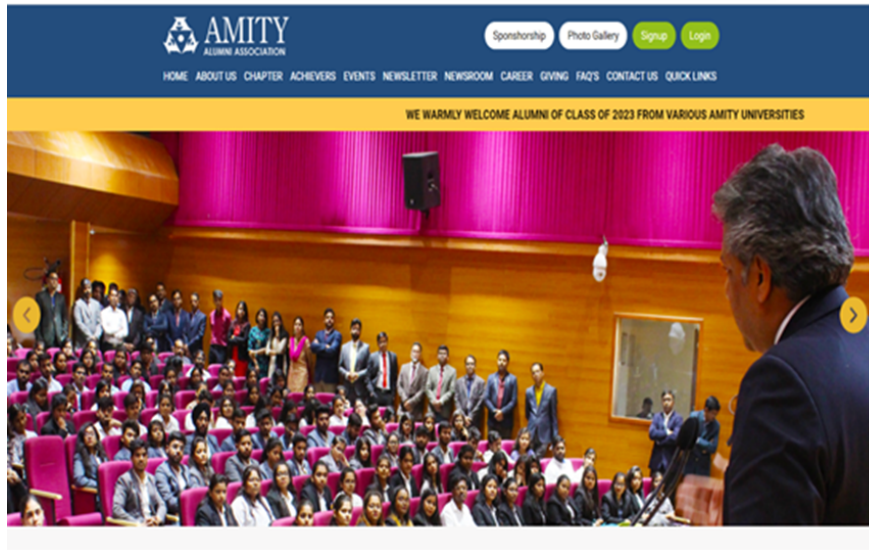


Figure: 9.4.9 Screenshot of Amity Alumni page

The **Annual Alumni Meet (AUM)** is one of the major platforms for strengthening alumni- institute relations. The event provides opportunities for networking, sharing professional experiences, mentoring students, and supporting institutional initiatives.

The alumni meet also facilitates discussions on:

- Industry trends and technological advancements
- Career guidance for current students
- Internship and placement opportunities
- Institutional development and collaborations

Activities conducted during this period included:

- Alumni interaction sessions with students
- Industry expert talks by alumni
- Alumni mentoring and career guidance programs
- Department-level alumni meetings
- Alumni contribution initiatives for student development

These initiatives have strengthened alumni networking and improved industry-academia interaction.

ALUMNI MEET – 2025:

AUM ALUMNI ASSOCIATION conducted its 5th Alumni Meet - "Alumni Legacy United Meet" held on June 6th, 2025, at Kurla, it paved a remarkable 10th legacy years of gathering for the AUM that brought together alumni joining in person and few international Alums joining us online. The event was graced by Dr.Gigimon V S Hoi-ALS, Mr.Rajesh Sisodia Hoi-ASCO .

The presence of pioneer alumni Adv Billal Mulla ALS 2017,and Mr.Vikas Aute ABS 2017, especially Amity's first batch, added prestige and inspiration to the event.

Pioneer Alumni shared their wisdom, and encouragement stories representing various batches to celebrate their achievements, reminisce about shared memories, and strengthen the bonds of the AUM alumni community.

Notable Alumni present at the event shared their experiences, acknowledgments and expressed deep appreciation for everyone's generosity, support, and affection, emphasizing how each presence added valuable nostalgic moments from their college days, discussed their professional journeys, and offered guidance to current students, The event not only rekindled old friendships but also inspired everyone to look forward to a future visit to Alma mater. Activity Outline:

- Opening Remarks – Mr. Sanjay Gouda, CRC & Alumni Head, AUM
- Keynote Address – Hon'ble Vice Chancellor
- Guest Talk – Leadership & Entrepreneurship Session
 - International Alumni Insights – Short addresses by three global alumni (5 mins each)
- Felicitation Ceremony
- Networking Lunch
- Vote of Thanks & Group Photo Session"



WE ARE INVITING YOU FOR

AUM LEGACY UNITED MEET

"TO REWIND AND RECONNECT TO FOSTER A SENSE OF PRIDE,
CONNECTION, AND MUTUAL INSPIRATION WITHIN THE ALUMNI
COMMUNITY."

ACTIVITY OUTLINE

Welcome address by CRC Director
Keynote address by Respected Central Head – AAA
International Alumni speech
Experience sharing by Attendees
ALUM Felicitation program
Lunch
Thanksgiving & Testimonials

FRIDAY 11:00 AM	06	JUNE 2025
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PHOENIX MARKET CITY ,ART
GUILD BUILDING ,KURLA

RSVP

AMITY UNIVERSITY MUMBAI CRC
MR. SANJAY GOUDA : +91 97692 81803





Figure: 9.4.11 Screenshot of Amity Alumni meet

- Mini Alumni Meet

"Alumni corporate office meet at company Quick sell -on 11th sept 2025

Name of Alumni : Aishwarya fangushkar ASET -2024"



Figure: 9.4.12 Screenshot of Amity mini Alumni meet

- Alumni Engaged in Campus Drive

Alumni (Mr. Vivek Pillai an Mr. Swetank Agrawal batch 2024 BTech) visited Campus for taking Interview drive for BhartNxt Pvt. Ltd. Both Serve as a software engineers for the BhartNxt Pvt. Ltd



Figure: 9.4.13 Alumni Engaged in Campus Drive



Figure: 9.4.14 Alumni Engaged in Campus Drive

Alumni Spotlight:

#Alumniachievement hashtag#entrepreneurship hashtag#spotlight hashtag#Amitians

Were incredibly proud to see Sumedh Desai (ASET -2020) Founder Global Eye Intelligence for building something strategically innovative and India's valuable very own geopolitical Intelligence Platform. This is going to provide valuable insights to aspirants taking interests to understand global geopolitical platform.



Figure: 9.4.15 Alumni Spotlight

Global Eye Intelligence is an emerging force in the world of geopolitical intelligence, bringing sharp insights and strategic foresight to key decision-makers across industries and regions. We specialize in delivering comprehensive, real-time intelligence that drives informed decisions in the realms of defense, security, economics, politics, and conflict management. Our work extends across critical regions such as West Asia, Africa, Europe, the Americas, the Indo-Pacific, and Ukraine, with a focus on providing actionable intelligence that anticipates shifts in global dynamics.

Alumni Procession-Convocation

Convocation Event 2025 class of 2024 -Alumni Procession-18th February 2025 Shanmukh Nanda hall



Figure: 9.4.16 Convocation Event 2025 class

9.5 Start-up and Entrepreneurship Activities (5)

Total Marks 5.00

Amity University Maharashtra has established two robust systems to cultivate and maintain an entrepreneurial environment on campus: the Entrepreneurship Cell (E-Cell) and the Institution's Innovation Council (IIC). These initiatives are dedicated to fostering a culture of innovation, creativity, and entrepreneurial thinking among students, providing them with the necessary resources, skills, and support to explore and develop their business ideas.

1. Entrepreneurship Cell (E-Cell)

Amity University Maharashtra is deeply committed to nurturing an entrepreneurial spirit among its students. The university's Entrepreneurship Cell (E-Cell) serves as a dynamic platform dedicated to fostering a culture of innovation, creativity, and entrepreneurial thinking. The mission of the E-Cell is to empower students with the resources, skills, and support necessary to explore and develop their business ideas, transforming them into viable enterprises. By promoting entrepreneurship, the E-Cell aims to instill an entrepreneurial mindset among students, encouraging them to think creatively and innovate.

The E-Cell provides a range of resources, including mentorship, networking opportunities, workshops, and access to funding, all of which are crucial in helping students navigate the complexities of starting and running a business. Through various programs and activities, the E-Cell focuses on enhancing student's entrepreneurial skills, such as business planning, financial management, marketing, and leadership.

One of the hallmark events organized by the E-Cell is the Annual Innovation Week, a vibrant celebration of creativity and entrepreneurship. During Innovation Week, more than 20 events are conducted, including idea pitching competitions, workshops and seminars with industry experts and successful entrepreneurs, hackathons, and networking events. These events not only stimulate entrepreneurial thinking but also provide practical experience and exposure to the challenges and rewards of entrepreneurship (Table 9.5.1: List of events conducted by E-cell during the academic year 2025-2026)

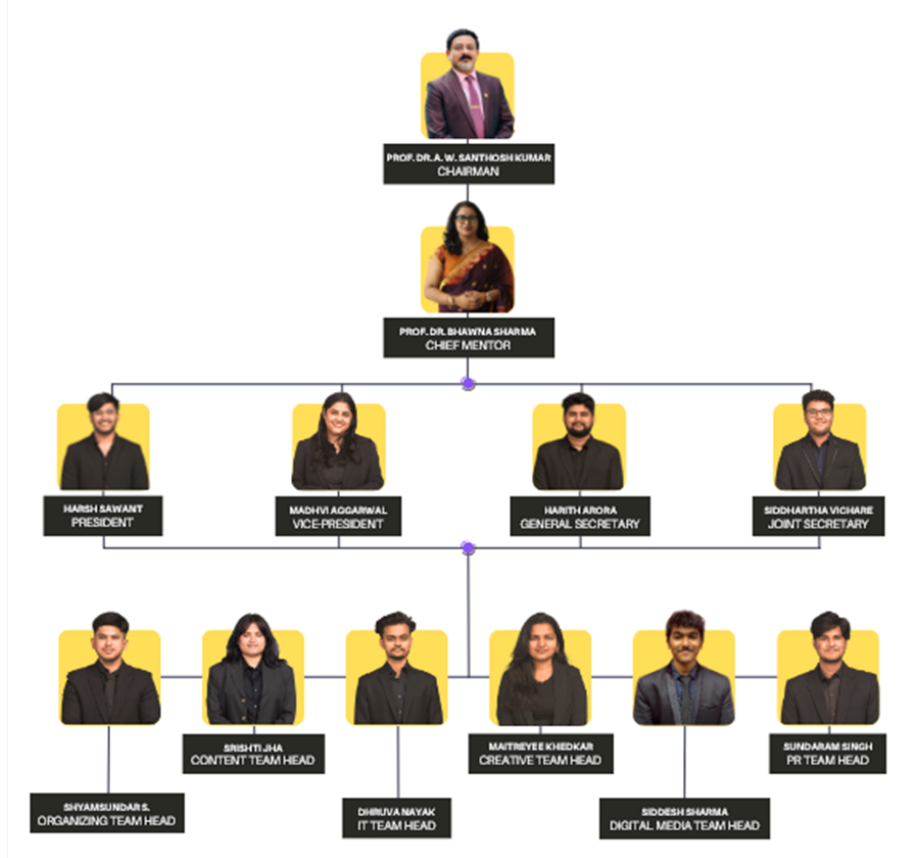


Figure 9.5.1: E-Cell Team 2024-2025

Table: 9.5.1: List of events conducted by E-cell during the academic year 2025-2026

Sr. No.	Date of conduction	Name of the Event
1	25th September 2025 - 3pm to 5pm, Seminar Hall	Guest Lecture on "Logistics Startups & Venture Opportunities in India and Beyond"
2	25th September 2025, Bhatan pada village from 10am -4 pm	Nukkad natak by B Pharm students Health Checkup Camp Health counselling session
3	26th September 2025, Display of LCD in Atrium	ASCO organizing an exclusive Photography Workshop in collaboration with Panasonic Lumix India. This initiative aims to provide the junior batch of students with hands-on exposure to professional photography techniques, industry-standard equipment, and creative practices that align with the spirit of innovation.
4	26 September 2025, Atrium	The primary aim of this research was to explore the possibilities of reusing waste materials to produce a fashionable outdoor jacket. The use of waste materials needs to be considered carefully. In particular, the zero-waste pattern-making approach and the modular transformable design process are two things that can be implemented in the industry right now.
5	26-September-2025	Trends, Opportunities and Movements in the Tourism Industry / Travel Tech - Product Demonstration
6	26rd September 2025, Time: 11.00 am onwards till 4.00 pm. Venue: Atrium.	The various product ideas will be displayed in the forms of posters, prototypes, software models, paper or 3D printing models. The prototype will be showcased on the notice boards. Maximum team size will be 2 students. The inter-school participation in the team is recommended, to come with inter-disciplinary solutions to the new product ideas.
7	26th September 2025	The Project Presentation & Poster Making Competition,
8	26 September 2025, 10:00 AM onwards in Atrium and ASAP department.	Project Display in Atrium by Amity School of Architecture and Planning. ASAP is also organizing a Guest Lecture Session by Ms. Shachi Tanga on the theme "Life Beyond Architecture: Journey through IIT, ISB, and Entrepreneurship". This event will highlight the career opportunities after Architecture and MBA, struggles in building a startup, and strategies for success.

9	26th Sept 2025 2:30 pm to 3:30 pm, Seminar Hall	" Innovation week"
10	26 September 2025 30 Sept, 12:00-5:00pm, Guest Lecture and Competition.	BIOVATE 2025 is an interactive, real-time pitch-building event designed to inspire creative biotech startup ideas addressing global healthcare challenges.
11	26th September 2025 - Project Display - Atrium 29th September 2025 - Guest Lecture- Seminar Hall	Introduction to the Nuclear Energy Mission for Viksit Bharat.
12	27 September at 11 am ,room no-704	The teams will be asked to pick a piece of paper from a pile and with the help of the corresponding item, they will be asked to pitch them in an advertisement style either in graphics, skits or posters.
13	29rd September 2025, 02: 30 to 3: 30 pm, Seminar Hall	Green Building Quiz – Sustainable Practices for a Better Future as part of the World Green Building Week 2025.
14	30th September 2025, 2:00- 5:00 PM	"Consume with Care, Create with Purpose – SDG 12 E-Campaign" as part of Innovation Week 2025.
15	1st October, Tuesday, Auditorium, 10AM to 1 PM	The Psych The legal industry is undergoing a significant transformation driven by technology, innovation, and changing client expectations. Startups in the field of law—often called LegalTech ventures—are reshaping how legal services are delivered, accessed, and consumed. This session explores the emerging trends shaping the sector, such as AI-powered research tools, contract automation, online dispute resolution platforms, legal marketplaces, compliance management solutions, and data-driven analytics.
16	3rd October 2025, 11am-01 pm in ALS Classroom	
17	7-9 October 2025, Auditorium 11 AM to 01 PM	A Shark Tank-style pitching platform where budding entrepreneurs showcase their business ideas to a panel of mock investors.
18	09-October-2025	Incubators Meet / Valedictory Ceremony

• Innovation Week 2024



Figure 9.5.: Representative image of events conducted by E-cell



Figure 9.6.: Representative image of events conducted by E-cell

Event Summary: "Entrepreneurship & Job Opportunities in Environmental Management"

Organized by: Amity School of Engineering and Technology, Amity University Mumbai

Date: 25th September 2024 |

Time: 12:00 PM – 1:00 PM

Venue: seminar hall, A2 Building

The seminar "Entrepreneurship & Job Opportunities in Environmental Management" was held on 25th September 2024 as part of Innovation Week, organized by the E-Cell in collaboration with the Amity School of Engineering & Technology (ASET). The session featured Dr. Awkash Kumar, CEO and Founder of SAGE (Sustainable Approach for Green Environment), who provided deep insights into the growing field of environmental management.

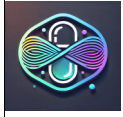
Dr. Kumar addressed key challenges related to climate change and pollution, urging for immediate and innovative solutions. He emphasised the emergence of new job roles in green technologies, renewable energy, and waste management projected to rise by 2050.

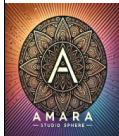
The session also explored entrepreneurship opportunities, with a particular focus on how government funding and regulatory support are enabling the growth of environmental startups. The seminar encouraged participants to take personal responsibility in combating environmental issues, underlining the importance of

Innovation in shaping sustainable businesses. Dr. Kumar's expertise and practical guidance inspired attendees to consider careers and ventures in the sustainability sector, highlighting the collective role of individuals, industries, and governments in protecting the environment for future generations.

Campuspreneurs List 2024-2025

Table: 9.5.2: List of campus-preneurs academic year 2024-2025

SRN o	NAME	VENTURE NAME	YEAR	DEPARTME NT	IDEA	COMPANY LOGO
1	Mr. Dhananjay Joshi	LedgerPe	2024-25	ASET	Offers instant, cross-border digital payments using secure fintech solutions.	
2	Mr. Chaitanya Buran	SamanKhoj	2024-25	ASET	Platform for renting, selling, or finding daily-use items locally and sustainably.	
3	Mr. Nitesh Bandekar	Nexol Studio, Aailed Bounty	2024-25	ASET	Social media consultancy with international clients (UK/US).	
4	Mr. Pranav Aher	CrackTheTrend	2024-25	ASET	Platform offering market analysis, competitive analysis, and investment opportunities.	
5	Mr. Maharsh Jayawant	Q-Drug	2024-25	AIB	AI and quantum-based platform for drug discovery and in-silico testing targeting pre-clinical trials.	
6	Ms. Khushi Ghodekar	Kreative Khushi	2024-25	ASL	Jewellery for disabled or mentally weak individuals, promoting inclusivity and self-expression.	
7	Ms. Rutuja Bhand	The Inspire Studio	2024-25	ASAP	Interior design firm combining aesthetics, functionality, and user-centric innovation.	
8	Mr. Arpit Singh	Asterism Services	2024-25	AIBAS	Dispatch service startup in Michigan, USA, connecting loads to truck drivers.	
9	Ms. Ketki Bansode	Pickit Handicraft	2024-25	AIBAS	Resin art products including keychains, fridge magnets, earrings, and custom items.	
10	Mr. Prathamesh Sarak	Flics Advertising Media	2024-25	ASCO	Media startup creating ad films, brand videos, and event coverage.	
11	Mr. Vansh Thakkar	ProblemoSolveo	2024-25	ABS	Consulting firm offering personalized expert solutions for diverse customer needs.	
12	Mr. Shubhankar Patil	Stratent	2024-25	ABS	Business improvement agency offering sales-boosting consulting services.	
13	Mr. J S S Karthikeya Prasad	Helmiä	2024-25	ASFT	Fashion accessories brand offering bags, jewelry, and scarves.	
14	Mr. Mukesh Jyani	Tajani Metal & Alloys	2024-25	ASFT	Global supplier of industrial metals and components for sectors like defence and automotive.	
15	Ms. Hafsa Shaikh	Hafsas Collection	2024-25	AIBAS	Fashion accessories brand enhancing personal style with handcrafted items.	
16	Ms. Shrushti Gambhire	TexMix	2024-25	ABS	Ready-to-mix protein-rich milkshake with low sugar in 4 flavors.	
17	Ms. Manasa Venkatesh	Spot Land	2024-25	ASFT	Accessories brand focused on style and personal transformation.	
18	Ms. Nandini Jaiswal	Namigo	2024-25	ABS	Customized clothing start-up offering modern, expressive tees and hoodies.	

19	Mr. Dushyant Singh Chauhan	Nomad Threads	2024-25	ABS	Street-style clothing brand focused on simplicity, comfort, and authenticity.	
20	Ms. Navnidhi Sharma	Ekaam	2024-25	AIBAS	HR tech startup for recruitment and employee management for SMBs.	
21	Mr. Sai Kamlesh Amara	Amara Studio Sphere Pvt. Ltd.	2024-25	ABS	Specializes in VR/AR for construction, design, and campus navigation, including a VR campus guidance system. Expanding into entertainment.	

1. Institution's Innovation Council (IIC)

The Ministry of Education established the Innovation Cell (MIC) to foster innovation within Higher Educational Institutes. In 2018, MIC, in collaboration with AICTE, launched the Institution's Innovation Council (IIC) program to promote innovation across Higher Educational Institutions (HEIs). The Institution's Innovation Council at Amity University Maharashtra (IIC-AUM) was established in November 2020 and has since been a cornerstone in driving the university innovation agenda.

IIC-AUM is dedicated to cultivating an environment that encourages students to innovate and develop entrepreneurial ventures. By facilitating a collaborative ecosystem involving academia, industry, and government bodies, IIC-AUM aims to create opportunities for innovation and entrepreneurship to flourish. The council organizes training programs, mentorship programs and workshops that enhance the innovative and entrepreneurial capabilities of both students and faculty.



Figure 9.5.2.1 Certification of IIC of Amity University, Mumbai

Since its inception, IIC-AUM has conducted several impactful events, including hackathons that provide a platform for students to collaborate and develop innovative solutions to pressing challenges, workshops covering topics such as ideation, prototyping, business model development, and intellectual property rights, and motivational sessions featuring successful entrepreneurs and industry leaders. These efforts have been recognized with a commendable rating of 3.5 stars for outstanding performance and contributions to fostering an innovation-driven culture.

The IIC at Amity University Maharashtra is composed of a diverse and dynamic team of council members, including faculty members, industry experts, and student representatives. This multidisciplinary team ensures a holistic approach to promoting innovation and entrepreneurship on campus. The registration and active participation in the IIC program signify the university's commitment to integrating innovation and entrepreneurship into its academic and extracurricular framework, providing students with unparalleled opportunities to grow and succeed in their entrepreneurial endeavors.

IIC Council Details:

Table 9.5.2.1 : IIC Council 2025-26

S.No	Name	Designation	Assigned role in IIC
1	Dr. A W Santhosh Kumar	Vice Chancellor, AUM	President
2	Dr. Penna Suprasanna	Dean Research(I/C), AIB	Vice-President
3	Dr. Gautam Gawali	Dy. Pro-VC, Director AIBAS	Member
4	Dr. Bhawana Chanana	Director, ASFDT	Member
5	Dr. Sunil Dhaneshwar	Dean IQAC	Member
6	Dr. Bhawna Sharma	Director IAP, AUM	Member
7	Dr. Suneela Dhaneshwar	Director, AIP	Member
8	Dr. Prashant Kumar Shukla	Deputy Dean Research & Professor, ASET	Member
9	Dr. Manoj Himmatrao Devare	Professor, AIIT	ARIH coordinator
10	Dr. Vinoth Prasanna Gunasekaran	Assistant Prof, AIB	Convener
11	Dr. Amol Bhalerao	Assistant Prof. ABS	Innovation Activity Coordinator
12	Dr. Sanjay Gowda	Manager-Corporate Resource Centre	Internship Activity Coordinator

13	Dr. Sagar Barage	Associate Prof., AIB	Member
14	Dr. Mitima Sachdeva	Associate Prof., ASL	NIRF Coordinator
15	Dr. Moumita Rout	Assistant Prof., ALS	IPR Activity Coordinator
16	Mr. Ameya More	Assistant Prof., ASET	Start-up Activity Coordinator
17	Mr. Saurabh Sinha	External Expert	Founder & Managing Partner Rein Labs, Navi Mumbai,
	Prof. Prashant S. Kharkar		Professor, Institute of Chemical Technology, Mumbai
18		External Expert	
19	Dr. Sujatha Pandey	External Expert	Professor and Head, Amity Innovation and Design Centre, Amity University Noida

Events Conducted:

S.No	Date	Name of the Event
1	18/03/2026	Seminar on "Ethics in Research Paper Writing and Publication"
2	18/03/2026	"The Coding Carnival"
3	13/03/2026	Site visit to Satguru's Kismet in Bandra — a high-rise project designed in New York and built in India.
4	05/03/2026	Workshop on Generative AI
5	10/03/2026	International Womens Day
6	27/02/2026	Guest Lecture dedicated to inspiring young architects, designers, and planners toward innovation, sustainability, and future-ready design thinking.
7	23/02/2026 to 27/02/2026	One-Week FDP on Practices in Information & Industry Technology
8	06/02/2026	Workshop - 'AI-Driven Pattern & Colour Design Exploration'
9	28/01/2026	"Fighting Digital Scams"
10	23/02/2026 to 27/02/2026	Faculty Development Programme on Artificial Intelligence for the Built Environment
11	16/01/2026	"Sustainable Development Goals in Practice: Interdisciplinary Research, Policy, and Case-Based Insights"
12	16/01/2026	"Doing Biology with Big Data: A Journey Using Microbial Genomics"
13	28/11/2025	Real Estate Law in Practise
14	27/11/2025	"AI Innovations in Google App Script"
15	21/11/2025	'Cosmic Quest 2025'
16	13/11/2025 to 14/11/2025	3rd International Conference on Recent Advances in Computational Techniques (IC-RACT 2025)
17	12/11/2025	World Architecture Day
18	12/11/2025	"Inside the Modern Marketer's Mind: Culture, Content & Commerce"
19	12/11/2025	The Future of Cargo Mgmt: Relevance, Employment Opportunities, and Paradigm Shifts
20	10/11/2025 to 14/11/2025	"Ethics in Research and Publication"
21	26/09/2025	Innovation Day 2025
22	25/09/2025	LEED Certification & Sustainability
23	15/09/2025	Mpowering Day—a collaborative initiative designed to advance scientific learning and research for life science students and researchers
24	28/08/2025	"Shaping Global Leaders: The SAP, 3C & GSP Advantage"
25	1/09/2025 to 05/11/2025	Mixed Method Research in Tourism: Concepts, Designs, and Applications
26	11/08/2025	"Emerging Paradigms in Artificial Intelligence & Big Data Analysis"
27	11/08/2025 to 18/08/2025	"Fundamentals of Remote Sensing and Smart Materials: A Synergistic Approach"
28	28/07/2025 to 01/08/2025	"Multidisciplinary Application of Artificial Intelligence"







Figure 9.5.2.1 IIC events flyers

9.6.1 Availability of the Institutional Strategic Plan and its Effective Implementation and Monitoring (10)

Institute Marks : 10.00

The institutional strategic plan is carefully developed and successfully implemented, with well-defined objectives to guide the university's growth and development. This plan outlines the long-term vision and goals of the institution, ensuring that all efforts are aligned towards achieving these targets. The Perspective Plan provides a broad overview of the university aspirations and priorities, while the Strategic Plan offers detailed action plans and specific steps to be taken to realize these objectives. Both documents are essential resources for the institutions stakeholders, including faculty, staff, and students, as they provide clear guidance on the university's direction and focus areas. These documents are available at the institution for reference and serve as a roadmap for continuous improvement and excellence.

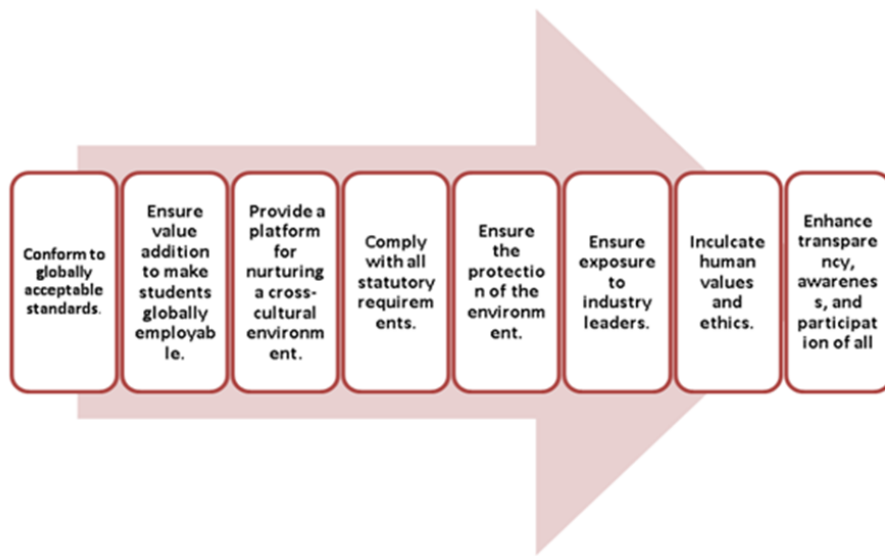


Figure 9.6.1.1 The Strategic Plan

The Strategic Plan focused on these 15 Strategic Areas:

- Admissions
- Academic Excellence
- Accreditation and Ranking
- Faculty Development
- Industry Integration
- Research & Publications
- Funded Research Projects
- Patents/IPR/Trademark
- Student Support & Progression
- Corporate Relations & Placement
- Internationalization
- Infrastructure & Learning Resources
- Extension Activities.
- IQAC
- Library & Information Centre

The plan for infrastructure and learning resources is being successfully implemented, with a strong focus on developing a high-quality academic and research environment. The overarching goal is to create a state-of-the-art infrastructure that supports both academic excellence and cutting-edge research. Central to this vision is the emphasis on optimal utilization of resources, including the adoption of a fully green building architecture. The concept of green building architecture involves designing and constructing buildings that are environmentally responsible and resource efficient. This includes integrating sustainable practices such as energy conservation, water management, and the use of eco-friendly materials. The institution aims to reduce its carbon footprint by incorporating renewable energy sources, such as solar panels, and implementing energy-efficient systems for heating, cooling, and lighting. Additionally, the infrastructure plan prioritizes the sustainable use of water resources. This may involve rainwater harvesting, wastewater recycling, uninterrupted power supply for equipment and the installation of water-saving fixtures. These practices reduce the environmental impact and set an example for sustainable living and operations. The infrastructure development also includes ensuring that the facilities meet international standards, providing students and faculty with access to top-tier resources and technology. This includes modern classrooms, well-equipped laboratories, advanced research facilities, and comprehensive library services. The goal is to create an environment conducive to learning, innovation, and collaboration. The Strategic Actions and implementation have resulted in the creation of a total of 42000+ square meters, consisting of 176 classrooms, two seminar halls, one Auditorium, 56 labs, two libraries, three TV halls in hostels, one moot court, one VIP lounge, encompassed in three academic blocks. The 489-seat state-of-the-art auditoriums have been built with an upscale media lab. The facilities are extensively used for the conduct of regular conferences and workshops. The facilities were completed ahead of the scheduled date and have contributed to the holistic development of the students. The existing sports facilities feature eight playgrounds that include football and cricket grounds, courts for lawn tennis, badminton, and volleyball, as well as areas for Kabaddi and a shooting range. The development of a covered badminton court and a fully furnished gym is proposed. The gymnasium is being further upgraded with facilities for both genders. By AY 26-27, an indoor Olympic pool will also be available. To encourage students to utilize their leisure time effectively, Open Learning Areas serving as student lounges are being continuously created. Two additional branded restaurants will start operating from AY 2024-25. The US Green Building Council has awarded Amity University Maharashtra the prestigious "LEED Green Platinum Certification (EB), USA." This certification ensures that the campus and its buildings are designed in compliance with the highest green standards, focusing on the use of natural light, advanced construction technologies, and sustainable materials. The Platinum category accreditation attests to the institutions commitment to environmental sustainability and excellence in building practices.

Response:

1. Perspective Plan and Strategic Planning :

The Perspective Plan and Strategic Plan documents are available in the institution and in the linked documents here. After the inception, the Perspective Plan was replaced with a Strategic Plan with these objectives:

The key objectives of the Strategic Plan are to:

- Conform to globally acceptable academic and professional standards.
- Ensure value addition in teaching-learning processes to make students globally employable.
- Provide a platform for nurturing a vibrant cross-cultural environment.
- Comply with all statutory and regulatory requirements.
- Ensure environmental protection and sustainable campus development.
- Ensure exposure of students to industry leaders and professional practices.
- Inculcate human values, professional ethics, and social responsibility.
- Enhance transparency, awareness, and participative governance at all levels.

2. Strategic Areas of Focus

The Strategic Plan comprehensively addressed the following 15 Strategic Areas:

- Admissions
- Academic Excellence
- Accreditation and Ranking
- Faculty Development
- Industry Integration
- Research & Publications
- Funded Research Projects

- Patents / IPR / Trademarks
- Student Support & Progression
- Corporate Relations & Placement
- Internationalization
- Infrastructure & Learning Resources
- Extension Activities
- Internal Quality Assurance Cell (IQAC)
- Library & Information Centre

3. As an instance of the successful implementation of the plan, The target was to create a world class academic and research infrastructure, with a focus on optimum utilization, and a completely green building architecture, with Solar power and Water sustainability. The idea was that adequate infrastructure of international standard is made available.

Strategic Actions

The strategic development plan focused on strengthening the academic, research, and student support infrastructure to create a holistic learning environment aligned with global university standards.

A major component of this initiative was the development of three modern Academic Blocks with a total floor area of 99,014.007 sq. metres. These blocks were designed to support advanced teaching, research, and collaborative learning. The facilities included 176 spacious classrooms, 56 fully equipped laboratories, two seminar halls, a state-of-the-art auditorium, two well-resourced libraries, three television halls in hostels, a Moot Court for law programmes, and a VIP lounge to host academic dignitaries and industry experts.

Special emphasis was placed on creating technology-enabled learning spaces. The auditorium, with a seating capacity of 489, was planned as a state-of-the-art venue for academic conferences, guest lectures, seminars, cultural events, and industry interactions. A high-end Media Lab was also proposed to support digital learning, media production, and communication studies. These facilities were intended to facilitate regular workshops, seminars, conferences, and knowledge-sharing events, bringing students closer to industry leaders, academicians, and global experts.

To support the overall development of students, extensive sports infrastructure was also planned. Approximately 42,016.490 sq. metres of land was allocated for eight playgrounds, along with facilities for football and cricket grounds, lawn tennis, badminton and volleyball courts, kabaddi courts, and a shooting range, ensuring opportunities for both recreational and competitive sports activities.

The existing outsourced gymnasium, already equipped with modern fitness equipment, was proposed to be further upgraded to promote physical well-being among students. In addition, innovative academic spaces such as 'Open Learning Areas' were envisioned across the campus. These areas were designed to encourage collaborative learning, group discussions, informal academic engagement, and productive use of students' free time. Additional student lounges were also planned to function as flexible learning zones.

Sustainability and Green Campus Initiative :

As a result of these continuous efforts toward sustainable infrastructure and environmentally responsible development, Amity University Mumbai was awarded the prestigious "LEED Green Platinum Certification (Existing Buildings), USA" by the U.S. Green Building Council.

This Platinum-level certification reflects the University's commitment to global environmental standards, ensuring that the campus buildings are designed and operated using advanced green construction technologies, sustainable materials, energy-efficient systems, and maximum utilization of natural light. Such initiatives reinforce the institution's vision of developing a modern, environmentally responsible and globally competitive academic campus.

The statutes of AUM State Private University Act define the governing structure of the University. The structure for the university is

- 1) Governing Body chaired by the Chancellor
- 2) Management committee chaired by the Vice Chancellor
- 3) Academic Council for all academic policies chaired by the Vice Chancellor

On the campus, The Vice-Chancellor is the senior most authority at Amity University Maharashtra. For day-to-day operations, the Vice Chancellor is supported by university officials consisting of Pro-Vice Chancellors, Deputy Pro-Vice Chancellor, and Registrar, Deans of various functions including Academics, Research, IQAC, and Student Welfare.

The schools are run by the Heads of Institutions, with the faculty of the school and support staff including Office staff for secretarial support and attendants. The Controller of Examinations supports the HOIs for the conduct of assessments and examinations, University Librarian, Directors of Administration, Admission, Career Advancement, Finance, Hostel and Security. The Universitys organogram is given below.

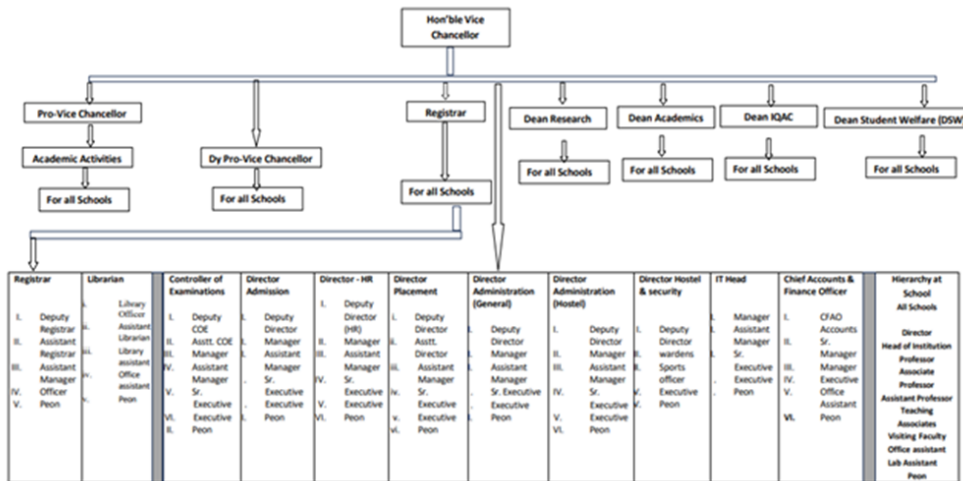


Figure 9.6.2.1 AUM organogram

The following are the Statutory Bodies, by "the Statutes" of the University, and direct the University in realizing its mission:

- Governing Body
- Board of Management
- Academic Council
- Board of Studies
- Board of Examinations
- Board of University Teaching and Research

The **Governing Body** is the highest authority of the University and the principal executive body of the University. Reports from other bodies are received by the Governing body and the strategy of the University's future is deliberated in the Governing body.



AMITY UNIVERSITY MUMBAI

Established vide Maharashtra Act No. 13 of 2014, of Government of Maharashtra, and recognized under Section 2 (f) of UGC Act 1956.

Ref. : AUM/RO/GB/1686

24/01/2024

Reconstitution of Governing Body

[Under Section 21 of Amity University Act 2014 (Maharashtra Act No. XIII of 2014) dated 24th June 2014]

The Governing Body of the University shall consist of the thirteen (13) members out of which one (01) member is non-voting invitee. The Governing Body shall be the supreme authority of the University. The Governing Body shall meet at least thrice in a calendar year. The quorum for the meeting of Governing Body is five (05). The Governing Body (GB) shall consist of the following members:

S. No.	Name	Designation	Remarks
1.	Dr. Aseem Chauhan	Chairperson	The President
2.	Prof. Dr. A.W. Santhosh Kumar	Member	The Vice-Chancellor
3.	Dr. W. Selvamurthy	Member	Nominated by sponsoring body (eminent Educationalist)
4.	Dr. S L Kothari	Member	Nominated by sponsoring body (eminent Educationalist)
5.	Dr. K K Dwivedi	Member	Nominated by sponsoring body (eminent Educationalist)
6.	Dr. P B Sharma	Member	Nominated by sponsoring body (eminent Educationalist)
7.	Dr. Vikas Madhukar	Member	Nominated by sponsoring body (eminent Educationalist)
8.	Lt. Gen. V K Sharma AVSM (Retd)	Member	Nominated by sponsoring body (eminent Educationalist)
9.	Adv. Chetan Jadhav	Member	Two persons, nominated by the State Government
10.	Dr. Avinash Gatade	Member	
11.	Mr. Bhushan Bajaj	Member	Two representatives of the industries to be nominated by the President
12.	Mr. Pradeep Kumar	Member	
13.	Dr. H. S. Vyas	Member	The Registrar / Member Secretary



Dr H S Vyas
Registrar, AUM

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1. Hon'ble Vice Chancellor
2. All Concerned
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Page 1 of 1

Figure 9.6.2.2 Reconstitution of Governing Body

The Board of Management plays a crucial role in overseeing the governance and strategic direction of the institution. Its primary responsibilities include ensuring that the university mission, vision, and values are upheld and that it operates efficiently and effectively. The BoM reviews and accepts the financial accounts and audit reports. The BoM clears the budget estimates, including faculty requirements and reconciles the financial expenditure. A budget estimate is presented to the Governing Body for its consideration and approval.



AMITY UNIVERSITY MUMBAI

Established vide Maharashtra Act No. 13 of 2014, of Government of Maharashtra, and recognized under Section 2 (f) of UGC Act 1956.

Ref. : AUM/RO/BOM/1600

27/10/2023

Reconstitution of Board of Management

[Under Section 22 of Amity University Act 2014 (Maharashtra Act No. XIII of 2014) dated 24th June 2014]

The Board of Management of the University shall consist of the twelve (12) members out of which one (01) member is a non-voting invitee. The Board of Management shall be the principal executive body of the University. The Board of Management shall meet at least once in two months in a calendar year. The quorum for the meeting of the Board of Management is five (05). The Board of Management (BOM) shall consist of the following members:

Sr. No.	Name	Designation	Remarks
1.	Prof.(Dr.) A.W. Santhosh Kumar	Chairperson	The Vice-Chancellor
2.	Prof. P. B. Sharma	Member	Nominated by sponsoring body from members of Governing Body
3.	Prof.(Dr.) K K Dwivedi	Member	Nominated by sponsoring body from members of Governing Body
4.	Dr. Bhavna Sharma	Member	Officiating Head of Institution ABS nominated by the Vice Chancellor
5.	Dr. Shrikant Charhate	Member	Director (ASET) of the University nominated by the Vice Chancellor
6.	Mr. Adish Singh	Member	Nominated by sponsoring body, who is not the member of Governing Body
7.	Prof. Amit Jain	Member	Nominated by sponsoring body, who is not the member of Governing Body
8.	Mr. Anshik Bindra	Member	Nominated by sponsoring body, who is not the member of Governing Body
9.	Lt. Col. Arun Sharma	Member	Nominated by sponsoring body, who is not the member of Governing Body
10.	Dr. Gulshan Wadwa	Member	External member nominated by the sponsoring body

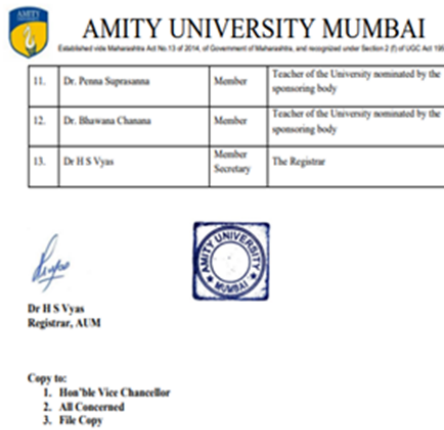


Figure 9.6.2.3 Reconstitution of Board of Management

The **Academic Council** is the principal academic authority of the University and is responsible for laying down the academic policies for the maintenance and improvement of standards of teaching, research, extension and collaboration programs Further it approves all academic matters, including the creation and termination of programs, and revision of program structure.

The direction for academic excellence in teaching, research and consultancy on consideration of the workload of the teachers is given by the Academic Council. The academic council is conducted before the start of the semester to deliberate on the proposed changes in the curriculum reported by HOI after conducting the Board of Studies. The Academic Council invites the student representatives, and outside course specialists, who assess the curriculum regularly and offer suggestions for enhancements

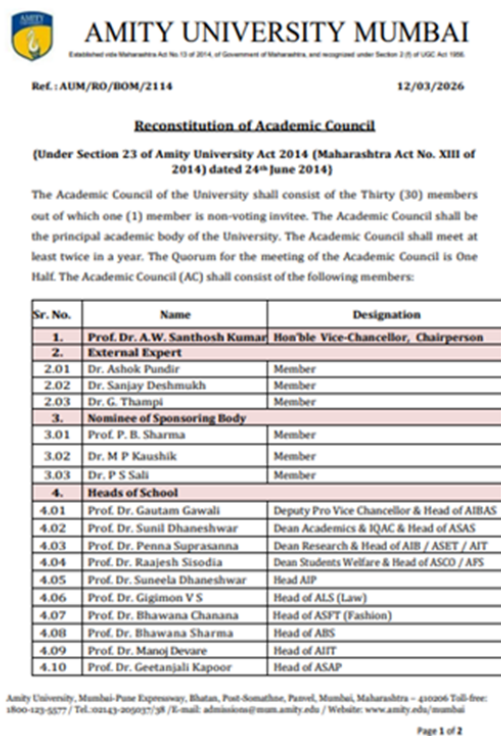


Figure 9.6.2.4 Reconstitution of Academic Council

The **Board of Examinations** is the principal authority for the conduct of examinations including policy decisions regarding organizing and the conduct of examinations, improving the system of examinations, appointment of the paper-setters, examiners, and moderators, preparation of the schedule for the conduct of examinations and finally declaration of results.



AMITY UNIVERSITY MUMBAI

Established vide Maharashtra Act No.13 of 2014, of Government of Maharashtra, and recognized under Section 2 (f) of UGC Act 1956.

Ref. : AUM/RO/BOE/1893a

25/02/2025

Reconstitution Of Board of Examinations

{Under Section 24 of Amity University Act 2014 (Maharashtra Act No. XIII of 2014) dated 24th June 2014}

The Board of Examinations of AUM has been reconstituted as under:

Sr.No.	Name of the Member	Designation
1.	Prof. Dr. A.W. Santhosh Kumar	Chairman
2.	Dr. H. S. Vyas	Member
3.	Dr. Ashok Pundir – Professor & Former Dean – National Institute of Industrial Engineering (NITIE)	External Expert
4.	Dr. Manoj H Devare	Member
5.	Dr. Sanjay Patil	Member
6.	Dr. Penna Suprasanna	Member
7.	Dr. Sunil Dhaneshwar	Member
8.	Dr. Suneela Dhaneshwar	Member
9.	Dr. Bivek Dutta	Member
10.	Dr. Bhawana Chanana	Member
11.	Dr. Gautam Gawali	Member
12.	Dr. Gigimon V S	Member
13.	Dr. Shrikant Charhate	Member
14.	Dr. Manjiree Vaidya	Member
15.	Dr. Deepak H Havaladar	Member
16.	Dr. Bhawna Sharma	Member
17.	Dr. Supriya Dhananjay Nene	Member
18.	Dr. Rajesh Sisodia	Member
19.	Mr. Bhuvanesh Gowda	Member



Dr. H S Vyas
Registrar AUM

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1. Hon'ble Vice Chancellor
2. All Concerned
3. File Copy

Amity University, Mumbai-Pune Expressway, Bhatan, Post-Somathne, Panvel, Mumbai, Maharashtra – 410206 Toll-

Figure 9.6.2.5 Reconstitution of Board of Examination

The Board of Studies formulates and revises the curriculum and program structure and is conducted annually or at a higher frequency if needed. The BoS proposes the changes based on emerging trends, course and stakeholder feedback. The minutes of the BoS are submitted to the Academic council for approval. The external members of the boards are drawn from industry, academia, and research and development institutions. Faculty members from all Schools and Departments are represented on the Boards and Committees to ensure that suggestions and decisions are made in a participative way. Every course includes a distinct module addressing the most recent advancements in the subject, which is highlighted by the involvement of industry professionals. Every department or school has a Board of Studies made up of both inside and outside course specialists, who assess the curriculum on a regular basis and offer suggestions for enhancements.



AMITY UNIVERSITY MUMBAI

Established vide Maharashtra Act No.13 of 2014, of Government of Maharashtra, and recognized under Section 2 (f) of UGC Act 1956.

Ref. : AUM/RO/BOS/1893b

25/02/2025

Constitution of Board of Studies

(Under Section 25 of Amity University Act 2014 (Maharashtra Act No. XIII of 2014) dated 24th June 2014)

The Board of Studies shall be constituted for each Department, Institution and Centre of the University and shall be chaired by its Head. The composition of the Board of Studies shall be proposed by the concerned Head through Dean of Faculty for approval of the Vice-Chancellor. The tenure of the members of the Board of Studies, other than the ex-officio member, shall be two years. The Board of Studies have been constituted at the School/ Institute level in the following disciplines:

1. Amity Business School
2. Amity Institute of Biotechnology
3. Amity Institute of Allied and Behavioral Sciences
4. Amity Institute of Information and Technology
5. Amity School of Communication
6. Amity School of Applied Sciences
7. Amity Institute of Travel and Tourism
8. Amity Film School
9. Amity School of Architecture and Planning
10. Amity School of Fashion Design and Technology
11. Amity School of Engineering and Technology
12. Amity Institute of Technology
13. Amity School of Fine Arts
14. Amity School of Languages
15. Amity Institute of Liberal Arts
16. Amity Law School
17. RICS School of Built Environment
18. CII School of Logistic
19. Amity Institute of Pharmacy

Dr. H S Vyas Registrar AUM



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Figure 9.6.2.6 Reconstitution of Board of Studies

The Internal Quality Assurance Cell conducts quarterly reviews of the various operations of the University. The HOIs, dean Academics, dean research, dean Student Welfare reports the quarterly progress on the research publications, student achievements, faculty achievements, research project submission, and progress on the research project awarded. Achievements and suggestions to achieve the targets based on the strategic plan are formulated. The Department of Ranking and Accreditation under the Internal Quality Assurance Cell (IQAC) contributes to the increased visibility of the University and the various institutions by ensuring participation in the National ranking framework, National and International surveys, and World University Rankings. The Board of University and Teaching and Research (BUTR) is the authority for the approval of the PhD topics, guide allocation, change of guide, and monitoring the progress of the PhD Scholar with input from the Departmental Research Committee. The Board meets twice a year.

To improve governance, the University has established several committees for effective and decentralized management at the university, school, and department levels.



AMITY UNIVERSITY MUMBAI

Established vide Maharashtra Act No.13 of 2014, of Government of Maharashtra, and recognized under Section 2 (f) of UGC Act 1956.

Ref.: AUM/RO/IQAC/1902

12/03/2025

NOTIFICATION INSTITUTIONAL QUALITY ASSURANCE CELL (IQAC)

The Institutional Quality Assurance Cell (IQAC) at Amity University Maharashtra is reconstituted as below:-

Sr. No.	Name	Designation
CHAIRPERSON		
a.	Dr. A W Santhosh Kumar	Vice Chancellor – Vice Chairman
TEACHERS TO REPRESENT ALL LEVELS		
b.	Dr Gautam Gawali	Professor AIBAS
c.	Dr Penna Suprasanna	Professor AiB (IIC)
d.	Dr Bhawna Sharma	Professor (E-Cell)
e.	Prof Dr Gigimon	Professor ALS
f.	Dr Manoj Devare	Professor AiIT
g.	Dr Deepa Parasar	Professor ASET
h.	Dr Mitima Sachdeva	Associate Professor ASL
i.	Dr Bharti Nathwani	Associate Professor ASAS
j.	Dr Nilesh Wagh	Assistant Professor AiB
k.	Dr K K Singh	(Deputy Director Hostels)
REPRESENTATIVE OF MANAGEMENT		
l.	Dr. P S Sali	Director (Academics), RBEF
THE SENIOR ADMINISTRATIVE STAFF		
m.	Dr. H S Vyas	Registrar
NOMINEE FROM THE LOCAL SOCIETY / TRUST / STUDENTS & ALUMNI		
n.	Trust: Dr Shrikant Charhate	Pro VC
o.	Student: Ms. Riya Goyal	(ASCO)
p.	Student: Shreyash Santosh Nair	(ALS)
q.	Alumni: Abhishek Kandathil	(AIBAS)
NOMINEE FROM THE EMPLOYER / INDUSTRIALISTS / OTHER STAKE HOLDERS		
r.	Employer: Mr. Shomendra	Roy Reliance Industries
s.	Industrialist: Dr Manju Tanwar	Organic Recycling Systems
SENIOR TEACHER AS THE COORDINATOR OF THE IQAC		
t.	Prof (Dr) Sunil Dhaneshwar	Dean IQAC



(Registrar)

To:-

Chairman of the Cell
All Members of the Cell
Dean - IQAC

Copy to:-

Vice Chancellor's Secretariat
All Heads of Teaching Departments
All Heads of Non-teaching Departments
Office copy

Figure 9.6.2.7 Reconstitution of IQAC

The Dean of Research prepares the strategy for research and monitors the progress in academic research, sponsored research, and industrial consulting to foster an inventive culture and research atmosphere. Policies and Procedures on research and consulting are formulated by the Dean (Research) which is later approved by the Academic Council (AC) and Board of Management (BoM). The University has a strategic plan in place for raising resources from the Government, private and other funding agencies. AUM engages in academic, student, and research exchange partnerships with international institutes, and Universities.

The IPR cell of the university formulates and directs the IP strategy of the University for the Large Base of knowledgeable Faculty and highly talented Students in the University. The IPR Cell also supports the faculty and students in patenting through the Amity Patent Cell. Specialized research centers for transdisciplinary and interdisciplinary fields have also been established at the AUM. An exclusive Innovation Lab supports multidisciplinary initiatives and translational initiatives. To encourage research and innovation, the Schools and Research Centers host conferences, symposia, workshops and seminars. AUM takes part in several community-focused social welfare programs through several clubs to benefit the community. For teaching and non-teaching staff, the HR department gathers feedback and recommends welfare programs such as health benefits, performance bonuses, and on-campus housing. Faculty professional growth is supported by focused training programs under the auspices of the IQAC Cell. Mentoring and one-on-one Students Welfare program assists students in resolving both personal and academic issues. A dedicated team of counsellors offer psychological counselling through the Office of Students.

Service Rules

The service rules for the staff appointed at the University is explicitly mentioned in the appointment letter. At the time of induction into the AUM system, the leave rules and other regulations documents are provided to new joiners. The leave regulations prescribe the eligibility and process for various leaves including casual, earned, medical and maternity. Other than at the time of joining and it is reinforced during the orientation program conducted specially for the newly joined staff members. It is further reinforced from time to time in the faculty and open house meetings conducted regularly by the University. The TCS-ION online HRM software is used for leaving processing. The Head of the Institute approves the leaves of the faculty members. Similarly, the leaves of the non-teaching staff of the individual school are approved by the head of the institutes. The leave of the head of the institute is approved by the Vice-chancellor through the TCS-ION System. Depending on the nature of the leave, these leaves are credited on a monthly and six-monthly basis to the employee. Attendance is maintained using a biometric face recognition system and connects directly with the payroll processing software. The HR department processes the leaves monthly and submits it to the account section during the monthly salary processing. Laptops, or personal computers are issued to the faculty members as required for their work or research.

Annexure: <https://www.amity.edu/mumbai/pdf/public-disclosure/aum-hr-regulations.pdf>

Policies:

The University Officers, responsible for overseeing the day-to-day operations of the institution, include the Honorable Vice-Chancellor, who serves as the principal executive officer. The Vice-Chancellor oversees all operations and is responsible for implementing decisions made by the statutory authorities. In all academic endeavors, the Vice-Chancellor is supported by the Pro Vice-Chancellors and Deputy Pro Vice-Chancellors. As the institutions administrative leader, the Registrar oversees and manages all administrative functions. In all formal gatherings and judicial processes, the Registrar represents the institution under the guidance of The Vice-Chancellor. There are eighteen schools in the University. Departments are further separated within each institution. Faculty members, administrative staff and department heads are all part of the departments. Directors and the Head of Institution (HoI) oversee the school. Support

personnel such as academics, administrative workers, and technical personnel enable the schools, labs, and research institutes to operate. The school provides clear and open principles, such as standards and guidelines for behavior for instructors, staff, and students.

9.6.3 Transparency (5)

Institute Marks : 5.00

Amity University Mumbai implemented e-governance in various functions of the University for smooth functioning of day-to-day tasks, and to promote transparency and accountability in the system. It facilitates online internal and external communication between various entities of the University. It also provides easy access to information to all stakeholders and maintains the data on a secure environment and server.

Areas of e-governance implementations:

- 1. Website & social media
- 2. Student Administration including Hostel & Transportation.
- 3. Examinations and NAD Digilocker
- 4. Communication System
- 5. Payment Systems
- 6 Library
- 7 Placements

user interfaces	https://www.amity.edu/mumbai/public-disclosure.aspx
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Financial Planning and Delegation of Financial Powers

The financial requirements related to library books, laboratory consumables, chemicals, equipment, and academic/event expenses are initiated through detailed note-sheets prepared by faculty coordinators at the program and departmental levels.

These requirements are verified and scrutinized by the School Head of the Institution (HOI) to assess necessity, priority, and financial implications in accordance with the budget allocated to the School and respective departments.

The institution follows a well-defined delegation of financial powers, wherein approvals progress systematically from:

- 1. Faculty Coordinators (Program/Department level)
- 2. School HOI
- 3. Higher Authorities at the University level

This structured approval mechanism ensures transparency, accountability, and participative financial governance across all academic and administrative levels.

Financial requirements for upcoming semesters are planned and submitted well in advance, enabling timely approvals and ensuring uninterrupted conduct of academic, laboratory, research, and co-curricular activities at Amity University Maharashtra.

9.7 Budget Allocation, Utilization, and Public Accounting at Institute Level (12)

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3
CFY : (Current Financial Year),
CFYm1 : (Current Financial Year minus 1),
CFYm2 : (Current Financial Year minus 2) and
CFYm3 : (Current Financial Year minus 3)

Table 1 - CFY

Total Income 127262011				Actual expenditure(till...):	Total No. Of Students	Expenditure per student
Fee	Govt.	Grants	Other sources(specify)			
126057267	0	0	1204744	8,04,69,399	400	201173.50

Table 2 - CFYm1

Total Income 113982258				Actual expenditure(till...):	Total No. Of Students	Expenditure per student
Fee	Govt.	Grants	Other sources(specify)			
112763067	0	0	1219191	7,90,94,081	408	193858.04

Table 3 - CFYm2

Total Income 118614436				Actual expenditure(till...):	Total No. Of Students	Expenditure per student
Fee	Govt.	Grants	Other sources(specify)			
117342480	0	0	1271956	7,04,50,334	422	166943.92

Table 4 - CFYm3

Total Income 117710664				Actual expenditure(till...):	Total No. Of Students	Expenditure per student
Fee	Govt.	Grants	Other sources(specify)			
117677915	0	0	32749	6,22,85,148	409	152286.43

Items	Budgeted in	Actual Expenses in till	Budgeted in	Actual Expenses in till	Budgeted in	Actual Expenses in till	Budgeted in	Actual Expenses in till
Infrastructure Built-Up	0	0	0	0	0	0	0	0
Library	96982.6:	95549	84755	83502	132666	130706	67405	64813
Laboratory equipment	1173127	1155790	1992395	1962951	1684756	1659858	1091967	1049968
Teaching and non-teaching stal	1869003	1780117	1530000	1454175	1260528	1177314	1547303	1449396
Outreach Programs	0	0	0	0	0	0	0	0
R&D	0	0	0	0	0	0	0	0
Training, Placement and Indust	24659.4:	24341.1:	25245.5:	24672.4:	21289.5:	20990.4:	17952.5:	17694.1:
SDGs	0	0	0	0	0	0	0	0
Entrepreneurship	0	0	0	0	0	0	0	0
Others, specify	3221573	3173964	4062174	4002141	2456547	2420244	966498	942541
Total	23206376.40	22250820.18	21464570.55	20615022.48	16900547.59	16004939.46	17616856.57	16568979.13

9.8 Program Specific Budget Allocation, Utilization (8)

:

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3
CFY: (Current Financial Year),
CFYm1 : (Current Financial Year minus 1),
CFYm2 : (Current Financial Year minus 2) and
CFYm3 : (Current Financial Year minus 3)

Table 1 :: CFY

Total Budget 1074774		Actual expenditure (till...): 1059486		Total No. Of Students 258
Demanded	Actual Allocated	Actual Expenditure	% Spent	Expenditure per student
1100000	10,74,774	10,59,486	98.58	4106.53

Table 2 :: CFYm1

Total Budget 1579179		Actual expenditure (till...): 1553312		Total No. Of Students 258
Demanded	Actual Allocated	Actual Expenditure	% Spent	Expenditure per student
1600000	15,79,179	15,53,312	98.36	6020.59

Table 3 :: CFYm2

Total Budget 1290335		Actual expenditure (till...): 1271455		Total No. Of Students 258
Demanded	Actual Allocated	Actual Expenditure	% Spent	Expenditure per student
1400000	12,90,335	12,71,455	98.54	4928.12

Table 4 :: CFYm3

Total Budget 822357		Actual expenditure (till...): 795625		Total No. Of Students 242
Demanded	Actual Allocated	Actual Expenditure	% Spent	Expenditure per student
900000	8,22,357	7,95,625	96.75	3287.71

Items	Budgeted in	Actual Expenses in till	Budgeted in	Actual Expenses in till	Budgeted in	Actual Expenses in till	Budgeted in	Actual Expenses in till
Laboratory equipment	529667	521839	881928	868895	721012	710356	433207	416545
Software	227000	223645	377969	372383	309005	304438	185660	178519
SDGs	0	0	0	0	0	0	0	0
Support for faculty developmen	15905	15700	15964	15602	13016	12833	10175	10028
R & D	0	0	0	0	0	0	0	0
Industrial Training, Industry exp	15905.3	15700.0	15964.1	15601.7	13015.9	12833.0	10174.5	10028.0
Miscellaneous Expenses*	286296.1	282601.7	287353.7	280830.1	234286.7	230994.1	183141.7	180505.1
Total	1074773.41	1059485.20	1579178.83	1553312.56	1290335.32	1271454.58	822358.02	795625.08

9.9 Quality of Learning Resources (Hard/Soft) (5)

Total Marks 5.00

Amity University Maharashtra (AUM) is committed to provide students with comprehensive resources and opportunities for self-learning, ensuring they are well-prepared for their professional careers. The institution offers a variety of facilities, including lead talks, guest lectures, webinars, e-library resources, group activities, and beyond-syllabus experiments. These initiatives are designed to foster a culture of continuous learning and innovation, enabling students to stay updated with the latest advancements in their fields and develop essential skills for their future endeavors. Recognizing the importance of self-directed learning in the modern educational landscape, AUM encourages students to engage in independent research projects and innovation challenges.

These activities provide a platform for students to apply their theoretical knowledge to real-world problems, promoting critical thinking and problem-solving skills. By involving students in these research works, students not only enhance their understanding of complex subjects but also contribute to the broader scientific community. The university supports these initiatives through guidance from experienced faculty and access to state-of-the-art laboratories and research facilities.

Before the start of each semester, the library book requisition is submitted well in advance, considering the time required for procurement procedures. Books are purchased promptly to ensure timely availability. The library is equipped with computers connected to the Internet, allowing students and faculty members to access the university e-library. The e-library includes online magazines, research journals, IEEE subscriptions, and plagiarism checking software.



Figure 9.9.1 Central Library



Figure 9.9.1 Central Library



Figure 9.9.2 Central Library_ASET Rack

9.9.1.1. Library resources print/hard copies

The Central Library at Amity University Mumbai supports the academic and research needs of the Amity School of Engineering and Technology (ASET) by providing a comprehensive collection of print and digital learning resources.

Resource Type	Details
Total number of book volumes	4672
Total number of book titles	1751

Reference books	1004
Print journals and magazines	13 magazines (National/ International)
Back volumes	Available

•Textbooks Added in the Last Three Years

Academic Year	Number of Books Added
2023–2024	20
2024–2025	163
2025–2026	64
Total	247

9.9.1.2. E-Resources

The library provides extensive digital learning resources accessible through the portal and institutional network to support teaching, research, and self-learning.

Resource Type	Details
Number of subscribed databases	17
Total e-journals available	49,677
Total e-books available	981,672
Consortium membership	DELNET
Remote/off-campus access	Available
Institutional digital repository	Available
Open access resources	Facilitated by the library

9.9.1.3. Usage and Accessibility Statistics

Library Working Hours: Monday–Friday 09:00 AM – 09:00 PM. During examinations: Monday–Saturday 09:00 AM – 09:00 PM.

Category	Average Daily Footfall
Students	1500–1600
Faculty	10–15

9.9.1.4. Library Infrastructure and Facilities

Facility	Details
Seating capacity	350–400
Reading / discussion rooms	4 rooms
Computer systems for users	19
Internet connectivity	Wi-Fi and LAN available
Library automation software	KOHA
RFID / Barcode system	Implemented
OPAC / Web-OPAC	Available

9.9.2 Expert Talks/Guest Lectures and Webinars:

Expert talks in advanced engineering are crucial for disseminating the latest research findings, technological advancements, and breakthroughs in the field. These events provide a platform for scientists and experts to share their work and valuable insights with a broader audience. Amity school of engineering & technology regularly organizes expert talks, webinars, and workshops to facilitate knowledge exchange, skill development, and networking among researchers, scientists, industry professionals, and entrepreneurs.

This list of expert talks and compilation of images given in Table 9.4.1: Compilation of Lead Talks, Guest Lectures, and Workshops during 2025-2026

S. No	Event Name	Name of Resource Person/ Guest/Celebrity etc along with designation place of work and all related details	Date
2	Domain Lecture: Digital Twin Technology	Dr. J. Mannarmannan Associate Professor Reva University, Bengaluru endeavour6381@gmail.com (mailto:endeavour6381@gmail.com)	01-04-2025
	Domain Lecture: Data Analytics and Implementation of ML algorithms using Snowflake	Dr Javed Shaikh Data Scientist Capital Numbers infotech Pvt Ltd javedsheikh1987@gmail.com (mailto:javedsheikh1987@gmail.com)	09-04-2025
3	Domain Lecture: Optimization Techniques	Dr. Shivali Wagle Assistant Professor Symbiosis International University shivali.wagle@sitpune.edu.in (mailto:shivali.wagle@sitpune.edu.in)	04-04-2025

4	Domain Lecture: Internet of Things	Dr. Shivali Wagle Assistant Professor Symbiosis International University shivali.wagle@sitpune.edu.in (mailto:shivali.wagle@sitpune.edu.in)	04-04-2025
5	Domain Lecture: Legacy Beyond Creativity -GEN AI	Dr. Shobha Tyagi Associate Professor Manav Rachna International Institute of Research & Studies, Faridabad, India tyagishobha.set@mriu.edu.in (mailto:tyagishobha.set@mriu.edu.in)	15-04-2025
6	Domain Lecture: Theory of Automata & Computation	Dr. Sujata Bhairnallykar Associate Professor Saraswati College of Engineering , Navi Mumbai Bsujata999@gmail.com (mailto:Bsujata999@gmail.com)	11-04-2025
7	Domain Lecture: Opportunities and Challenges in the Research Landscape of Generative AI	Dr. V. Brindha Assistant Professor Vellore Institute of Technology brindha.v@vit.ac.in (mailto:brindha.v@vit.ac.in)	15-04-2025
8	Domain Lecture: Microprocessor and Microcontroller	Dr. P. Kirubanantham Assistant Professor SRM Institute of Science and Technology, Chennai kirubanp2@srmist.edu.in (mailto:kirubanp2@srmist.edu.in)	22-04-2025
9	Domain Lecture: File Implementation	Dr. P. Kirubanantham Assistant Professor SRM Institute of Science and Technology, Chennai kirubanp2@srmist.edu.in (mailto:kirubanp2@srmist.edu.in)	22-04-2025
10	Domain Lecture: AI in Game Theory	K.G Vinay Kumar Cloud Engineer Eurofins Pvt Ltd vinaykumarkg54@gmail.com (mailto:vinaykumarkg54@gmail.com)	18-04-2025
11	Domain Lecture: Machine Learning SVM Algorithm	Mr. Umesh Pathare Senior ML Engineer TCS Pvt. Ltd umeshpatharkar@vctcpune.com (mailto:umeshpatharkar@vctcpune.com)	21-04-2025
12	Vice Chancellor Lecture Series on "Leverage AI for Academic Writing"	Prof. (Dr.) Sangita Chaudhari	07-08-2025
13	Vice Chancellor Lecture Series on "Beyond Grades - AI's Role in Developing 21st Century Skills"	Dr. Shashikant Patil	28-02-2025
14	Vice Chancellor Lecture Series on "Prompt Techniques for Generative AI"	Prof. (Dr.) Yogesh H. Dandwate	12-03-2025
15	Webinar on "Application of AI in Engineering Geology for Civil Engineers"	Dr. Suman Rawat	18-04-2025
16	FDP on " Explainable AI and Trustworthy AI System "	Mr. Abhijit Samant	7/7/2025 -11/7/2025

17	FDP on " Drone Technology"	Mr. Arup Das	Jul-25
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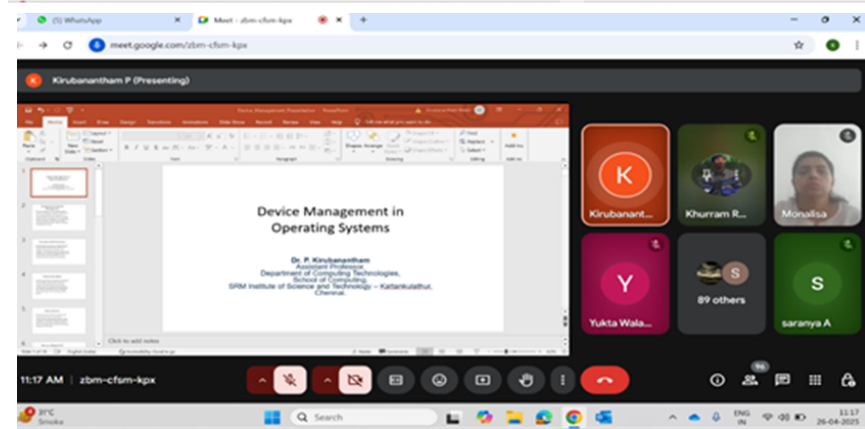
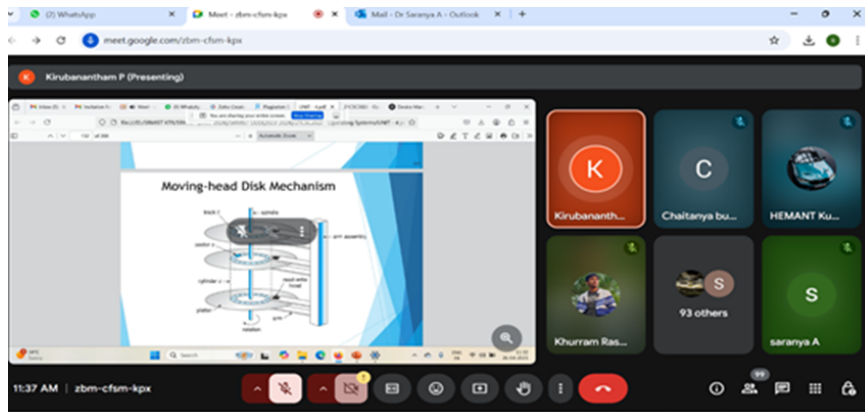


Figure 9.9.3 Invited talk pictures

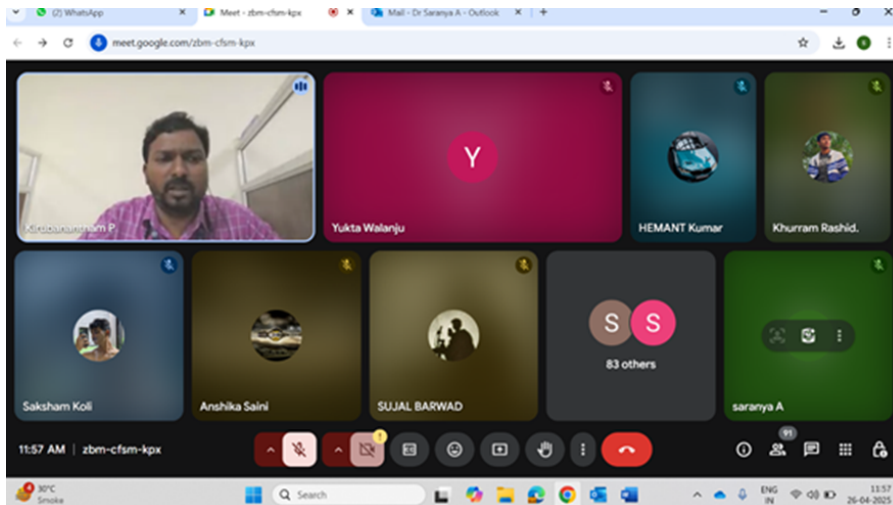


Figure 9.9.4 Online guest lecture

Self-Learning through E-Library:

The Central Library at Amity University Mumbai acts as an integrated knowledge resource center that supports teaching, learning, and research activities. In addition to a rich collection of printed books, journals, and reference materials, the library provides extensive digital learning resources that enable students and faculty members to engage in self-learning beyond the classroom environment. The digital library infrastructure encourages independent study, research exploration, and continuous academic development.

The AUM Central Library provides access to 17 digital resources for students and faculty members. Out of these, 16 resources are accessible through the web portal, while one database, DELNET (Developing Library Network), is available separately. Through these platforms, users can access a wide range of scholarly content including e-books, research journals, conference proceedings, technical papers, and other academic materials that support curriculum learning and research activities.

Students can use DELNET for self-learning and research purposes. The database provides access to bibliographic records and catalogues of millions of books and journals from libraries across India, enabling students to locate and explore relevant academic literature. It also facilitates resource sharing and helps students develop research and information-retrieval skills that are essential for higher education and professional development.

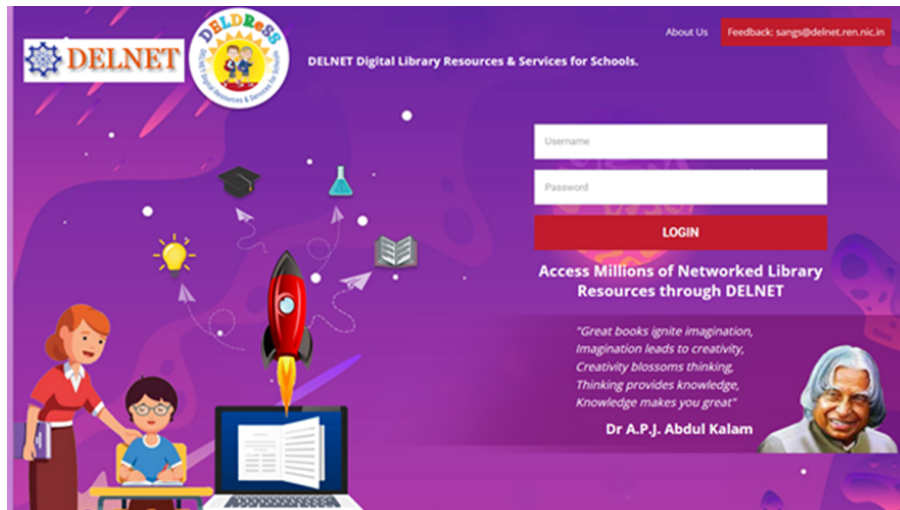


Figure 9.9.5 DELNET access page

Amity libraries provide access to thousands of online journals and global academic databases covering diverse disciplines such as engineering, management, science, humanities, and social sciences. These include reputed publishers and platforms like IEEE, ACM Digital Library, Springer, Oxford University Press, and other multidisciplinary resources. Such access exposes students to global research developments and supports project work, assignments, and innovation-driven learning.

The digital library environment at Amity is designed to promote anytime, anywhere learning. The library systems are fully automated and allow users to access digital resources round the clock, ensuring that learning is not restricted to physical library hours. This supports the outcome-based education model followed by the university and encourages students to develop the habit of independent study and research.

Additionally, the library provides access to its catalogue and resource availability through the internal network.

Digital Library Facility: IP Address: 10.5.2.10

Through this IP address, users can check the availability status of books and digital resources in the library catalogue.

Overall, the E-Library infrastructure at Amity University Mumbai plays a crucial role in supporting self-learning, research, and lifelong learning skills among students. By integrating digital databases, online journals, and advanced information access systems, the university ensures that learners have continuous access to high-quality academic resources required for innovation, research, and professional growth. **Group Activities:**

Group activities, such as poster exhibitions, group presentation is carried out in AUM to foster peer learning among students. Students are organized into groups and given syllabus topics to research and present in the form of posters and presentations. These activities encourage teamwork and collaborative learning. Posters are displayed and presented on assigned dates, enhancing understanding through interactive engagement.

Beyond Syllabus Activity:

ASET encourages students to participate in beyond syllabus activities to enhance their technical competence, innovation skills, leadership abilities, and overall personality development. These activities complement classroom learning and provide opportunities for practical exposure, creativity, and interdisciplinary collaboration.

1. Technical Workshops and Training Programs

ASET regularly organizes technical workshops, certification programs, and hands-on training sessions beyond the regular curriculum.

Activities include:

- Programming and coding workshops (Python, AI, Data Science, Machine Learning)
- Cybersecurity and ethical hacking workshops
- IoT and embedded systems training
- Robotics and automation workshops
- Cloud computing and DevOps training

These programs help students gain industry-relevant technical skills and practical knowledge.

2. Expert Lectures and Industry Interaction

To bridge the gap between academia and industry, ASET organizes guest lectures, webinars, and expert talks by industry professionals, researchers, and alumni.

Objectives:

- Exposure to emerging technologies
- Understanding industry expectations
- Career guidance and professional development

These sessions provide students with insights into real-world engineering applications and future technology trends.

3. Technical Clubs and Student Chapters

ASET encourages participation in technical clubs and professional society chapters that provide opportunities for collaborative learning and innovation.

Typical student technical groups include:

- Coding and programming clubs
- Robotics and automation clubs
- AI and Data Science clubs
- Entrepreneurship and innovation clubs

Activities conducted by these clubs include:

- Hackathons
- Coding competitions
- Technical quizzes
- Project exhibitions

These platforms help students develop teamwork, leadership, and problem-solving skills.

NIRMAN 25 – 48 Hrs HACKATHON

The NIRMAN 2025 Hackathon, conducted from 28th to 30th January 2025 at Amity University Mumbai, was a dynamic and impactful event focused on fostering innovation and technological excellence in line with the vision of Atmanirbhar Bharat. Organized by the Amity School of Engineering and Technology and sponsored by Odoo India Pvt. Ltd., the 48-hour hackathon attracted enthusiastic participation from students, industry experts, and faculty members. Participants worked on real-world challenges using advanced technologies such as AI, Web3, and smart infrastructure, gaining valuable hands-on experience and industry exposure. Expert mentorship, collaborative learning, and competitive spirit defined the event. Overall, the hackathon successfully bridged the gap between academia and industry, encouraged entrepreneurial thinking, and created opportunities for future collaborations, internships, and skill development initiatives.



Winner NIRMAN 2025 with a Prize of 80,000/- Amity School of Engineering & Technology, AUM



1st Runner Up NIRMAN 2025 with a Prize of 65,000/- Vishwaniketan's Institute of Engineering & Management



2nd Runner Up NIRMAL 2025 with a Prize of 55,000/- A. P. Shah Institute of Technology and Thakur College of Engineering

4. Innovation, Research and Project-Based Learning

Students are encouraged to undertake innovative projects beyond the syllabus to develop research orientation and creative thinking.

Initiatives include:

- Mini projects and innovation projects
- Participation in research competitions
- Student publications and conference presentations
- Prototype development and product design

These activities enhance research aptitude and innovation culture among students.

b. Participation in Technical Competitions

Students actively participate in inter-college and national-level technical competitions, including:

- Hackathons
- Coding competitions
- Robotics competitions
- Project exhibitions
- Startup and innovation challenges

Such competitions promote creativity, innovation, and collaborative problem solving.



Figure 9.9.7 : Aaja Nachle – Inter-Departmental Dance Competition



Figure 9.9.8 : AMINOVA



Figure 9.9.9 : AMINOVA



Figure 9.9.10: Mandap Mahayudh



Figure 9.9.11: Rang Rez



Figure 9.9.12 : Uncut – Main Play



Figure 9.9.13: Rishton ke Paanch Phere

6. Entrepreneurship Development Activities

ASET encourages entrepreneurship among students through:

- Startup awareness workshops
- Innovation and entrepreneurship seminars
- Business plan competitions
- Interaction with startup founders and entrepreneurs

These activities promote entrepreneurial mindset and innovation-driven thinking among students.

7. Social and Community Engagement Activities

Students participate in community outreach programs and social initiatives that foster social responsibility and ethical values.

Activities include:

- Environmental awareness campaigns
- Tree plantation drives
- Cleanliness drives
- Blood donation camps
- Community service activities

These initiatives contribute to the holistic development of students as responsible citizens.

8 Certification Courses:

AUM promotes student participation in certification programs to enhance their learning experience. Certification courses in engineering provide fundamental principles, techniques, and applications across various fields, including healthcare, agriculture, environmental science etc. These courses offer theoretical knowledge and practical skills for students and professionals seeking to understand or update their expertise in specific areas. Our engineering students

engage in several certification courses to enhance their learning experience.

To encourage self-learning among students, participation in online certification courses from recognized platforms like NPTEL (National Programme on Technology Enhanced Learning) and SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds) is promoted. This criterion measures the degree to which students engage in continuous, self-directed learning beyond the traditional curriculum.

The list of students who have completed certification courses is provided in Table 9.4.2

Table 9.9.2 list of students who have completed certification courses

Sr .No	Semester	Student Name	Semester	NPTEL/SWAYAM/ Any other Certification
1	7	Sanskriti Vinod Singh	7	NPTEL
2	5	Badad Aaryan Pravin	5	NPTEL
3	5	Shreyanshi Jaiswal	5	NPTEL
4	5	Sara Khaire	5	NPTEL
5	5	Maitreyee Abhijit Khedkar	5	NPTEL
6	3	Vedant Girish Gunbharit	3	NPTEL
7	3	Mahir Ali Quazi	3	NPTEL
8	3	Sameer Laxman Patel	3	NPTEL
9	3	Pranav Mathur	3	NPTEL
10	3	Bhavleen Karanjit Singh	3	NPTEL
11	3	Shravani Rajesh Mulik	3	NPTEL
12	3	Shravani Rajesh Mulik	3	NPTEL

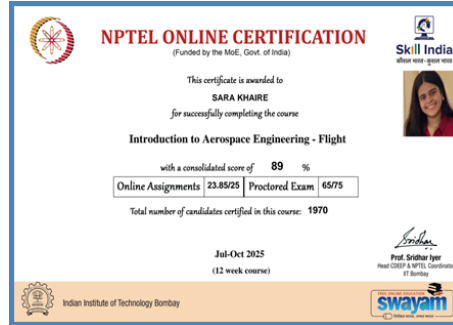




Figure 9.9.6 NPTEL Certificate

9.10 E-Governance (5)

Total Marks 5.00

Amity University Maharashtra has implemented e-governance through TCS Ion across all schools and university departments to streamline administrative processes, enhance communication, and promote transparency. The system ensures that institutional data is maintained in a secure and well-organized manner.

Information related to examination rules, grading systems, debarring criteria, unfair means policies, scholarship schemes, and refund policies is made available to stakeholders. Events and important updates are communicated through appropriate channels. In addition, policies addressing anti-ragging and anti-discrimination based on gender, religion, and caste are clearly defined. The university ensures equal opportunities in academics, research, sports, and extracurricular activities.

Dedicated committees are established to address issues related to sexual harassment and grievances, providing a structured mechanism for complaint redressal. Policy documents related to sustainability are also maintained for reference.

The institution ensures systematic management of attendance, remedial classes, session plans, examination processes, results, and financial transactions. Financial operations, including semester fee payments and security deposit refunds, are carried out in accordance with UGC regulations and applicable state and central government policies, which are updated periodically. Key academic and administrative information such as fee-related details, examination schedules, holiday lists, and academic calendars are communicated to students.

Student representatives are included as part of the Internal Quality Assurance Cell, ensuring participatory governance. The minutes of Governing Body meetings are documented and maintained for institutional records.



Figure : 9.10.1 TCS iON Portal – User Login Interface

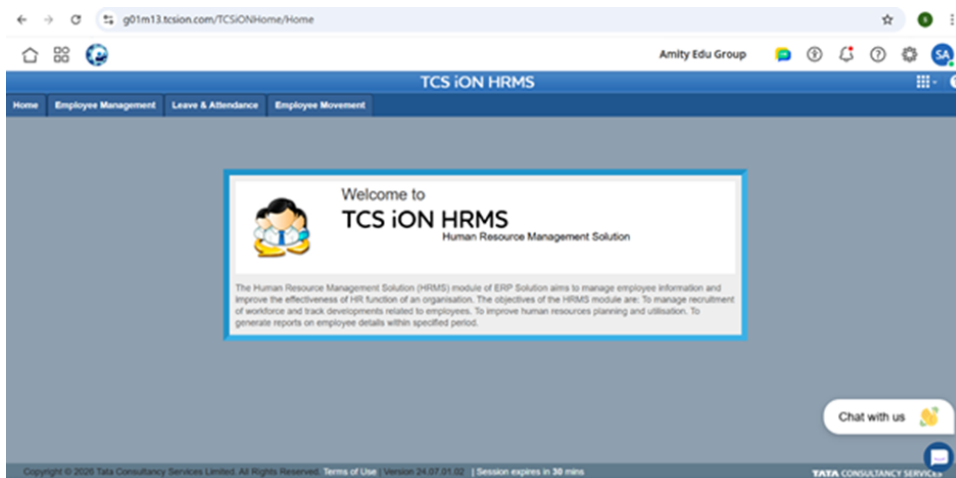


Figure 9.10.2 TCS iON HRMS Portal – Human Resource Management Dashboard

LMS Dashboard – Course Overview Interface

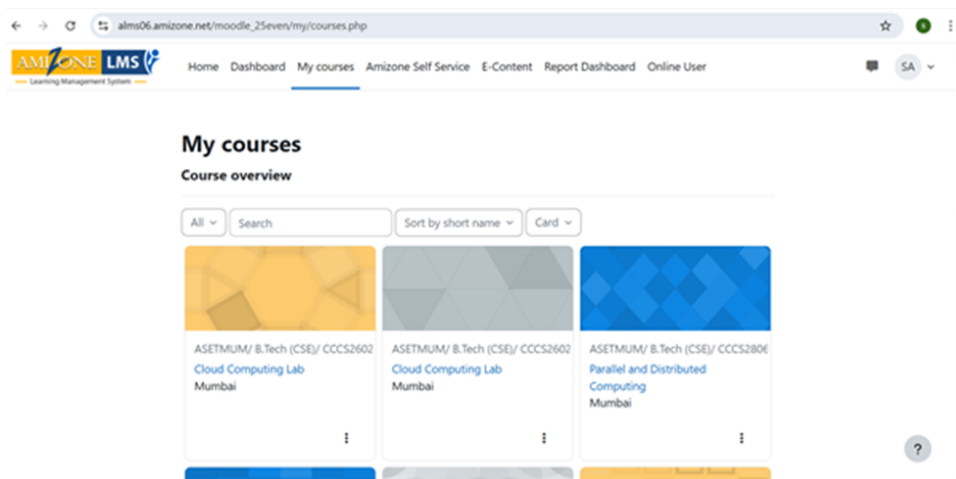


Figure 9.10.3 is showing the area of e-goverence implementations.

9.11 Initiatives and Implementation of Sustainable Development Goals (SDGs) (10)

Total Marks 10.00

Amity University Mumbai is committed to implementing the United Nations Sustainable Development Goals (SDGs) through environmentally responsible campus practices, academic programs, research activities, and community outreach initiatives. The university integrates sustainability principles in teaching-learning processes, infrastructure development, research activities, and institutional governance. These initiatives contribute significantly toward green energy adoption, waste management, water conservation, net-zero goals, quality education, and sustainable consumption practices.

The Amity School of Engineering and Technology (ASET) actively supports these goals by encouraging students and faculty to participate in projects, research activities, awareness programs, and innovation initiatives related to sustainability and environmental protection.

1. Green Energy and Energy Conservation Initiatives (GOAL 7)

The University promotes clean and renewable energy solutions to reduce carbon emissions and ensure sustainable energy consumption.

Key Initiatives

1. Installation of solar energy systems to support renewable power generation on campus.
2. Adoption of green building practices and energy-efficient infrastructure to reduce electricity consumption.
3. Promotion of green computing practices and energy-efficient IT infrastructure.

Implementation and Evidence

Renewable energy integration through solar power generation systems that reduce the campus carbon footprint.



Figure .9.11.1 Solar panel setup_01



Figure .9.11.2 Solar panel setup

Energy monitoring systems implemented to track electricity consumption and optimize usage, Student projects and research activities related to renewable energy technologies and energy management systems.

These initiatives align with SDG 7 – Affordable and Clean Energy and contribute to reducing greenhouse gas emissions.



Figure .9.11.3 Electric Vehical



Figure .9.11.4 Electric Vehical

2. Waste Management and Recycling Practices

Amity University Mumbai Honble Vice Chancellor inaugurates a new facility in June 2023 for the Cultivation of Microalgae developed by Dr. Abhishek Guldhe, Associate Professor, under the prestigious Ramalinga Swami Fellowship project funded by Dept. of Biotechnology, Govt. of India.

The facility will treat wastewater and generate microalgal biomass for biofuel, biofertilizer, and bioproduct applications. It will also serve as a hub for interdisciplinary collaboration and research enabling in sustainable development for the researchers and students to explore multifaceted applications.

Microalgae has emerged as a powerful platform for various applications such as biofuel, feed, fertilizer, nutraceuticals, CO₂ sequestration and wastewater treatment. At Amity University Maharashtra (AUM) campus under an integrated biorefinery approach a microalgae cultivation facility is developed by Dr. Abhishek Guldhe through his Ramalingaswami fellowship project funded by the Department of Biotechnology, Govt. of India. The facility was inaugurated by Honble Vice Chancellor Prof. (Dr.) A W Santhosh Kumar sir. Microalgae are considered as promising feedstock for biofuels production; however, the cultivation is still unfeasible due to input cost of chemical nutrients and freshwater requirement. Wastewater is comprised of nutrients such as ammonia, nitrates, phosphates, organic carbon etc. which can support microalgal growth. Use of wastewater can improve the economics of microalgae cultivation and reduces the freshwater footprint of the process. During cultivation microalgae also sequester CO₂ for

152 photosynthesis process. The biomass generated can be used for production of biofuels, biofertilizer and various bioproducts.

The facility developed at AUM simultaneously treats wastewater and generates microalgal biomass for biofuel, biofertilizer and bioproducts application. In this facility two open raceway ponds of 200L each are set up for cultivation of microalgae using synthetic media as well as wastewater. The open raceway pond cultivation systems are considered as efficient, cost effective and easy for operation to generate microalgal biomass. In these systems no external light is provided, cultivation is based on natural sunlight. For efficient mixing and aeration paddle wheels are used in open raceway ponds.

The facility is used for student's research projects. In these ponds experiments are conducted for evaluating the feasibility of using raw wastewater and final effluent after treatment for cultivation of microalgae. The wastewater cultivation is also compared with cultivation in synthetic medium.

Key Initiatives:

- Segregation of waste at source (biodegradable and non-biodegradable waste).
- Composting of biodegradable waste for campus landscaping.
- Awareness campaigns to minimize plastic usage.
- Implementation of paperless office practices through digital communication systems.

Implementation and Evidence

Waste segregation units installed across campus.



Figure 9.11.5 wastewater Treatment Plant



Figure 9.11.6 Microalgal biomass Setup for biofuel



9.11.7 Water treatment Plant

3. Water Conservation and Management

Water sustainability is an important focus area for the university.

Key Initiatives

Rainwater harvesting systems implemented across campus.

Wastewater recycling and treatment systems for reuse in gardening and sanitation.

Installation of water-efficient fixtures to reduce water consumption.

Implementation of Zero Water Discharge concept to minimize water wastage.

Implementation and Evidence

Rainwater harvesting wells installed to capture and store rainfall.

Treated water reused for landscaping and other non-potable applications.

Water conservation awareness programs conducted for students and staff.

These initiatives contribute to SDG 6 – Clean Water and Sanitation.

4. Green Campus and Biodiversity Conservation

The university promotes environmental conservation through green campus initiatives.

Key Initiatives

Regular tree plantation drives and campus greening activities.

Maintenance of herbal gardens, organic farming areas, and biodiversity zones.

Development of green landscaping to support ecological balance.

Creation of pedestrian-friendly and eco-friendly campus infrastructure.

Implementation and Evidence

Annual plantation programs involving students and faculty.

Landscaping practices that preserve native vegetation and biodiversity.

Composting units producing organic manure for campus greenery.

These initiatives align with SDG 13 (Climate Action)



9.11.8 Green Campus



Latitude: 18.931921
Longitude: 73.162604
Altitude: 21.4±3 m
Accuracy: 36.5 m
Time: 18-07-2023 14:58

Powered by NoteCam

9.11.9 Green & Clean Campus

5. Strategy for Achieving Net-Zero Emissions

Amity University Maharashtra has developed a strategy to contribute to the global objective of limiting global warming to 1.5°C by 2050 by achieving net-zero greenhouse gas emissions. The university aims to balance the amount of greenhouse gases emitted with those removed or offset through sustainable practices.

Key initiatives include:

Reduction of Greenhouse Gas Emissions: Identification and reduction of major emission sources such as CO₂, CH₄, and N₂O through cleaner energy adoption and sustainable campus operations.

Renewable Energy Transition: Expansion of renewable energy sources such as solar, wind, hydro, and geothermal energy to reduce dependence on fossil fuels.

Energy Efficiency: Implementation of energy-efficient systems, automation, and sustainable infrastructure in campus buildings and hostels.

Electric Transportation: Promotion of electric vehicles and clean-energy-based transportation within the campus.

Afforestation Initiatives: Plantation drives and green campus initiatives to increase carbon sequestration.

Circular Economy Practices: Encouraging reuse, recycling, and waste reduction to minimize environmental impact.

Methane Emission Control: Measures to monitor and reduce methane emissions from infrastructure.

Policy Compliance: Adherence to government policies and environmental regulations supporting sustainability.

Awareness and Collaboration: Conducting awareness programs and collaborating with government bodies, industries, and communities to promote sustainable practices.

Through these initiatives, the university aims to build a sustainable, low-carbon campus ecosystem while actively contributing to global climate action goals.

6 Reduced Inequality: GOAL 10

At Amity School of Engineering and Technology, Amity University Mumbai, efforts are made to create an inclusive and accessible campus that supports students, faculty, and visitors from diverse backgrounds. The institution believes that equal access to education and infrastructure is essential for reducing inequalities and promoting social inclusion.

To support this goal, the campus provides accessible infrastructure facilities such as ramps and lifts in academic buildings. These facilities ensure that students and staff with mobility challenges or physical disabilities can easily access classrooms, laboratories, offices, and other campus facilities without barriers. The presence of ramps at building entrances and lifts inside academic blocks promotes

safe and convenient movement across different floors.

Such accessibility measures demonstrate the institution's commitment to inclusive education and equal participation, enabling every individual to benefit from academic and campus activities. By maintaining barrier-free infrastructure and supportive policies, the institute contributes toward achieving SDG Goal 10 – Reduced Inequality.



9.11.11 ramps 1



9.11.12 ramps 2



9.11.13 Lift

1. Student Mobility Initiatives

Amity University Mumbai promotes National and International mobility of students through global collaborations, study abroad programs, and international academic partnerships.

Study Abroad and Global Exposure

The university offers **Study Abroad Programs (SAP)** and global study opportunities that enable students to study for a semester or participate in short-term academic programs at partner universities worldwide. These programs include academic coursework, cultural exposure, and international industry interaction. Through global programs, students may spend part of their program in India and complete the remaining portion at partner universities abroad, thereby earning international exposure and globally recognized degrees.

Industry and Research Mobility

- Students are encouraged to participate in:
- International internships
- Collaborative research projects
- Global academic exchange programs

These initiatives help students develop cross-cultural competencies and global professional skills.

List of Students Travelling for NOV SAP 2024 Dubai

Sr no.	First Name	Last Name	Gender	Enrollment No	Programme	Semester
1	Atharv	Mahajan	MALE	A70415821003	B.tech Civil	7th
2	Aum	Patel	MALE	A70405221140	B.Tech CSE	7th
3	Samyak	Sonawane	MALE	A70415821009	B.tech Civil	7th
4	Rugved	Kshirsagar	MALE	A70415821012	B.tech Civil	7th
5	Taha	Hurzuk	MALE	A70405521034	B.Tech Aero	7th
6	Sudharshanan	C. R	MALE	A70405224009	B.Tech CSE	1st
7	Darshan	Gajera	MALE	A70415821007	B.tech Civil	7th
8	Shreeniwas	Aher	MALE	A70415821011	B.tech Civil	7th
9	Om	Nimbalkar	MALE	A70415821008	B.tech Civil	7th
10	Avinash	Bhardwaj	MALE	A70415821010	B.tech Civil	7th
11	Siddhesh	Patil	MALE	A70415821003	B.tech Civil	7th

Table 9.12.1 List of Students Travelling for NOV SAP 2024 Dubai





Figure 9.12.1 Amity University Dubai Campus

2. Implementation of Academic Bank of Credits (ABC)

ASET follows a **Choice Based Credit System (CBCS)** aligned with the principles of **National Education Policy (NEP 2020)** to provide flexibility in curriculum and credit accumulation.

•Credit Transfer and Flexibility

- Students earn credits through:
 - Core courses
 - Elective courses
 - Interdisciplinary subjects
 - Industry Internships and projects

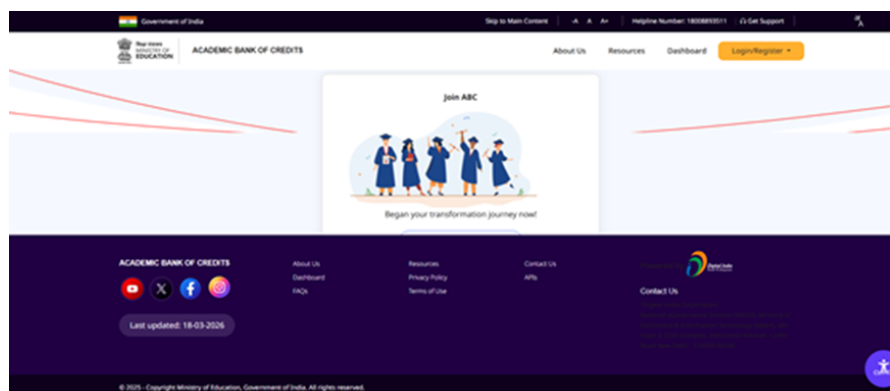


Figure 9.12.2 Academic Bank of Credits (ABC)

The credit system enables students to pursue interdisciplinary learning pathways and ensures academic mobility between programs.

3. Support for Holistic Education and Human Values

Amity University Mumbai emphasizes **holistic development**, integrating academic excellence with personality development, leadership, and ethical values.

•Personality Development Programs

Students participate in structured development programs such as:

- Managerial Competency and Career Development (MCCD)
- Communication and soft skill training
- Leadership development workshops

These programs aim to enhance professional competencies along with technical knowledge.

4. Experiential and Co-curricular Learning

Students participate in:

- Cultural activities
- Technical competitions
- Sports events
- Social outreach programs

The university also encourages participation in physical training and outdoor activities that promote teamwork, discipline, and leadership.

5. Multidisciplinary and Interdisciplinary Curriculum

ASET adopts an interdisciplinary curriculum framework that allows students to select courses from different academic disciplines.

Students can choose electives related to:

- Artificial Intelligence

- Data Analytics
- Entrepreneurship
- Environmental sustainability

The curriculum integrates **industry interaction, internships, live projects, and case-based learning** to enhance experiential learning.

6. -Cultural Activities

Students participate in:

- National cultural festivals
- Heritage awareness programs
- Social responsibility initiatives

These activities help students appreciate Indian values while developing global competencies.

7. Policies on Inclusivity and Equity

Amity University Mumbai is committed to creating an **inclusive and equitable academic environment**.

-Diversity and Inclusion

The university promotes a **barrier-free and inclusive campus environment**, respecting diversity and individuality among students and staff.

-Gender Equality

Equal opportunities are provided for:

- Academic participation
- Leadership roles
- Research activities
- Co-curricular programs

-Multicultural Environment

The university hosts students from multiple regions and countries, promoting intercultural learning and global perspectives.

8. Support for Economically, Socially and Physically Challenged Students

-Scholarship and Financial Support

Amity University offers several scholarship schemes to support meritorious and financially needy students.

- Merit-based scholarships are awarded to high-performing students.
- Scholarships may cover **up to 100% of tuition fees based on academic merit**.

Additional scholarships include:

- Merit-cum-means scholarships
- Scholarships for sports and cultural achievements
- Fee concessions for alumni or staff wards.

Scholarship Based on CUET- 2026 for UG Programs
(Candidates meeting the Scholarship eligibility criteria & only those who apply (Amity Application Form) by 31 August 2026, will be considered for Scholarship)

Scholarship %	XII %* (2024)	CUET Percentile achieved in each of Section I, Section II and Section III in CUET – UG 2026
100%	85%	90 percentile and above
50%	80%	85-89.99 percentile

CUET Score card and Class XII should be of 2026 only.
This scholarship is valid for 1st year only. There will be no continuation of scholarship in subsequent years.

Please Note:

- *Students from ICSE/ CBSE and recognized State Boards only
- 100% Scholarship not applicable to B.Tech, CSE and all Bachelor programmes of Psychology.
- Above mentioned Scholarships are Not Applicable for B.Pharma program.
- Limited Scholarship seats are available, which will be offered on first-cum-first-serve basis.
- Aggregate percentage will be calculated on the basis of marks scored in English & three academic subjects (compulsorily including subjects of eligibility AND excluding Physical Education, Fine Arts, Performing Arts or any Vocational/Non-Written subjects). These subjects will only be considered for their respective / select programs.
- Limited Scholarship seats are available, which will be offered after joining the program.
- Students will be required to pay the full fees initially. The excess amount accruing due to scholarship will be adjusted against payment for Semester-II.
- Grant of Scholarship is subject to approval of Scholarship Committee.
- Candidates meeting the Scholarship eligibility criteria should approach the Admission office after selection with the original marksheets for the grant of On Admission Scholarship, latest by 31st October of the year of seeking admission (if not received and wherever applicable as per AUXIP Scholarship Policy). No document shall be checked/ verified/ considered post 31st October of the admission year

Figure

9.12.3 CUET scholarships

Scholarship for B.Tech. Programs (Based on JEE Score- 2026 and Class XII-2025/2026)

(Candidates meeting the Scholarship eligibility criteria & only those who apply (Amity Application Form) by 31 August 2026, will be considered for Scholarship)

Fast Track admission and Scholarship will be offered in B.Tech. programmes based on JEE 2026 score given as under:

Scholarship %	JEE Main Percentile
100%	97-100
75%	94-96.9
50%	90-93.9

Please Note:

- Applicant is required to fulfil Program- Specific Eligibility.
- Students from ICSE/ CBSE and recognized State Boards only
- **This scholarship is valid for 1st year only. There will be no continuation of scholarship in subsequent years.**
- JEE Main should be of 2026, and Class XII should be of 2025/2026 only.
- Students seeking scholarship based on JEE Mains score may note that we have Limited seats under this category and the same will be allotted on first cum first serve basis.
- Students will be required to pay the full fees initially. The excess amount accruing due to scholarship will be adjusted against payment for Semester-II.
- Grant of Scholarship is subject to approval of Scholarship Committee.
- Aggregate percentage will be calculated on the basis of marks scored in English & three academic subjects (compulsorily including subjects of eligibility AND excluding Physical Education, Fine Arts, Performing Arts or any Vocational/Non-Written subjects). These subjects will only be considered for their respective / select programs.
- Limited Scholarship seats are available, which will be offered after joining the program.
- Candidates meeting the Scholarship eligibility criteria should approach the Admission office after selection with the original marksheets for the grant of On Admission Scholarship, latest by 31st October of the year of seeking admission (If not received and wherever applicable as per AIUP Scholarship Policy). No document shall be checked/ verified/ considered post 31st October of the admission year

Figure 9.12.4: JEE based scholarships

Sports Scholarship

Amity University offers Sports Scholarship to talented Sports person.

Following are the criteria for Scholarship.

- It is mandatory to meet the minimum academic eligibility for the program mentioned in the Admission Prospectus - 2026.
- Maximum age should not be of more than 23 years as on **01 July 2026**.
- Sports Scholarship is granted based on the Selection Process, Interview & Sports Trial and the Assessment of sports certificates for last three years. (As applicable)

Scholarship %	Category of Players	Criteria for Scholarship
100%	International Participants *	Fast Track Admission is given without appearing for the Sports Trial & Interview.
50%	National Medal winners*	(Gold, Silver & Bronze position only) Admission through Sports Trial & Interview
25%	National Participation*	(Selection will be based on Sports trial & Interview in addition to Application & Assessment of Sports certificates for last three years) will be given after joining the programme.

* Recognition of Sports:

- Olympic Games by IOC
- World championships under International Sports Federation (IOA and / or MYAS recognized / affiliated Games)
- Asian Games by Olympic Council of Asia
- Asian Championship organized by International Federation of concerned game (recognized / affiliated by MYAS and / or IOA)
- Commonwealth Games, S.A.F. Games and Afro Asian Games
- Paralympics Games (recognized / affiliated by IOC and / or MYAS)

Figure 9.12.5: Sport scholarships

Scholarship after 10+2

- On-admission scholarships are applicable in 1st year only. 2nd year onwards continuation scholarship rules apply
- Students will be required to pay the full fees initially. The excess amount accruing due to scholarship will be adjusted against payment for Semester-II.
- Grant of Scholarship is subject to approval of Scholarship Committee.
- Limited number of scholarships are available on first come first serve basis

Scholarship %	100%	50%	30%	25%
Bengaluru	93% aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	90% aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	-	85% aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)
Gurugram	93% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	88% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	-	80% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)
Gwalior	93% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	88% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	-	70% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)
Jaipur	93% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	88% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	-	75% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)
Lucknow	93% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	88% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	-	75% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)
Mumbai	93% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	88% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	-	75% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)
Raipur	93% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	88% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)	-	70% Aggregate* and above in (CBSE/ISC/State Boards) of XII (2025/2024/2023)
*(excluding Physical Education/ Fine Arts / Performing Arts / Vocational / non written subjects)				

Figure 9.12.6: 10+2 scholarships

9. Infrastructure Support :

The campus provides:

- Sports and Athletics
- Barrier-free infrastructure
- Accessible facilities
- Residential accommodation with modern amenities.

Sports and Athletics:

Amity University Mumbai actively encourages students to participate in sports and physical activities to promote fitness and teamwork. The university prides itself on its extensive sports facilities, including a well-equipped gymnasium, cricket and football fields, basketball and tennis courts, and indoor sports arenas. Students engage in a variety of sports such as cricket, football, basketball, volleyball, badminton, and athletics. Regular inter-college tournaments, annual sports meets like Sangathan, and friendly matches are organized to instill a spirit of healthy competition and camaraderie among students.



Figure 9.12.7: Athletics



Figure 9.12.8: Archery



Figure 9.12.9 Basketball



Figure 9.12.10 Badminton



Figure 9.12.11 Carrom



Figure 9.12.12 Table Tennis

Sports Leagues: The university hosts a variety of sports leagues including the Amity Cricket League, Amity Women's Premier League (Cricket), Amity Kho-Kho League, Ultimate Amity Kho-Kho League (Mixed Team), Amity Pro Badminton League, Amity Pro Kabaddi League, Amity Basketball League, Amity Futsal League, Amity Women's Futsal League, Amity Soccer League, Amity Handball League, Amity Table Tennis League, and Amity Swimming League. These leagues provide additional avenues for students to engage in competitive sports and demonstrate their skills across diverse sporting disciplines

Sangathan: Held annually, Sangathan at Amity University Mumbai is a dynamic celebration of athleticism, teamwork, and university spirit. The event brings together students, faculty, and staff for a diverse range of sports and fitness activities. It serves not only to enhance physical fitness but also as a platform for showcasing talent, perseverance, and sportsmanship. Sangathan features a wide array of track and field events and team sports such as football, basketball, and cricket, alongside cultural performances, dance shows, and musical acts. The closing ceremony of Sangathan honors exceptional athletes with trophies, medals, and certificates, fostering a culture of excellence and achievement across the university community.

Under student mobility initiatives, students of Amity University Mumbai actively participated in *Sangathan*, the annual inter-campus sports and cultural event organized by Amity institutions. This event provided a platform for students to interact, collaborate, and compete with peers from different Amity campuses across India, thereby enhancing their exposure, teamwork, leadership, and intercultural competencies. Participation in Sangathan contributed significantly to holistic student development and strengthened inter-institutional bonding

9.13 Faculty Performance Appraisal and Development System (FPADS) (10)

Total Marks 10.00

Institute Marks : 10.00

Amity University Maharashtra follows the Performance Based Appraisal system (PBAS) to evaluate, support, and enhance the performance of their faculty members. This system ensures that faculty activities align with the institutions mission and goals while fostering professional growth and development. After completion of one year of service the PBAS form is filled and same is followed every year. The form has 5 criteria's to access the faculty performance for one year

1. Teaching, learning and evaluation related activities
2. Curricular, Extension and Professional Development
3. Research, Publication and Academic contribution
4. Behavioral skills and values
5. Student feedback and quality of teaching

After filling the PBAS the same is evaluated by the Head of the department. The file is then evaluated by a committee for by the university. Every year faculty increments are based on the score obtained during PBAS. Additionally faculties also received incentives for their publications and project received.

PBAS Policies & form (<https://www.amity.edu/mumbai/pdf/public-disclosure/aum-hr-regulations.pdf>)

9.14 Outreach Activities (5)

Total Marks 5.00

Amity University Mumbai actively promotes social responsibility and community engagement through various outreach programs conducted by the National Service Scheme (NSS), NCC, and student volunteers. These initiatives aim to bridge the gap between academic learning and societal needs while instilling values of leadership, empathy, and civic responsibility among students.

National Cadet Corps (NCC): Introduced at Amity University Mumbai in 2023, the National Cadet Corps plays a pivotal role in shaping students into well-rounded individuals with a strong sense of patriotism, discipline, and social responsibility. Under the guidance of trained officers, NCC cadets participate in rigorous drill practices, engage in adventure sports, and contribute to community service initiatives. These activities not only promote physical fitness but also instill leadership qualities and a spirit of camaraderie among participants. Participation in the NCC at Amity University Mumbai goes beyond conventional military training. Cadets have the opportunity to attend camps, workshops, and training sessions at regional, national, and international levels, exposing them to diverse experiences and perspectives. These engagements not only enhance their practical skills but also broaden their horizons, preparing them for challenges beyond academic realms. Furthermore, involvement in the NCC offers students incentives such as preferential treatment in government job placements, scholarships, and additional weightage in competitive exams, thereby bolstering their career prospects and contributing to their holistic development at the university.

The outreach activities conducted by Amity School of Engineering and Technology focus on community development, health awareness, environmental sustainability, social equality, and rural empowerment.



Figure 9.14.1 NSS Inaugural Ceremony 2024: Flag Hoisting, March Past, and Volunteer Induction at Amity University Mumbai

9.14.1 AIDS Awareness Rally

The National Service Scheme (NSS) of Amity University Mumbai organized its Inaugural cum Orientation Program on 7th October 2024 at A2 Block and the Auditorium. The event witnessed enthusiastic participation from 100 NSS volunteers, 350 students, and 49 faculty members, including the Vice Chancellor and the chief guest. The program commenced with flag hoisting, followed by a march past, inspiring speeches, cultural performances, and a nuktad natak highlighting social issues. Students were organized into four teams named after historical figures, and badges were awarded to leaders. The event concluded with a vote of thanks, national anthem, group photo, and a hi-tea session.

The NSS Unit of Amity University Mumbai organized an AIDS Awareness Rally on 1st December 2024, marking World AIDS Day, from the campus to Bhatan Village. The initiative aimed to spread awareness about HIV/AIDS prevention, promote healthy practices, and reduce stigma. A total of 121 participants, including NSS volunteers, NCC cadets, students, and 19 faculty members, actively took part. Volunteers carried placards, raised slogans, and distributed informative pamphlets in local languages. They also engaged directly with villagers through interactive discussions to dispel myths and share accurate information. The activity enhanced students' communication, leadership, and social responsibility while contributing to community health awareness.



Figure 9.14.2: NCC and NSS Volunteers Unite for AIDS Awareness Campaign

9.14.2 Trekking and Camping

A two-day trekking and camping expedition from 18th to 19th January 2025 was organized from Amity University Mumbai to Ajinkyatara Fort and Vasota Fort in Satara District. The activity saw participation from 94 students, including MTES members, NCC cadets, NSS volunteers, and others, guided by 10 faculty members. The trek covered diverse landscapes, including the biodiverse Kas Plateau, promoting physical fitness, teamwork, and appreciation of nature and heritage. Highlights included uphill trekking, riverside camping, and a boat ride to Vasota Fort. NSS volunteers played a key role in coordination and safety. The experience enhanced leadership, resilience, and environmental awareness among participants.



Figure 9.14.3: NSS Volunteers Trekking Expedition Showcasing Team Spirit and Adventure

9.14.3 International Women's Day 2025 celebration

The International Women's Day 2025 celebration at Amity University Mumbai was a meaningful and impactful initiative dedicated to promoting women's empowerment. Through a diverse range of activities such as fitness sessions, self-defense training, mental health awareness programs, and community engagement, the event highlighted the importance of holistic well-being for women. The enthusiastic participation of students, faculty, and volunteers showcased a strong commitment to gender equality and inclusivity. Overall, the week-long celebration successfully created awareness, encouraged confidence, and reinforced the university's vision of fostering a supportive environment where women are empowered to grow, lead, and thrive in all aspects of life.



Figure 9.14.4: International Women's Week Celebration: Inspiring Growth, Empowerment, and Leadership

9.14.4 NSS Special Camp Activity

The NSS Special Camp was conducted at Gram Panchayat, Kalskhand (Panvel, Raigad) by Amity University Mumbai from 21st to 30th April 2025 for ten days, involving 50 students and 10 teachers. The camp aimed to bridge the gap between academic learning and real-world community challenges through direct engagement with villagers. Activities included issue identification, problem-solving, awareness programs on hygiene, civic responsibility, and safety, along with tree plantation, cleanliness drives, medical camps, and skill development sessions. Special focus was given to women's empowerment, elderly care, child engagement, and water conservation. Cultural and wellness programs strengthened community bonding. The camp fostered leadership, teamwork, empathy, and social responsibility among volunteers while promoting sustainable development, national integration, and the NSS motto of selfless service—"Not Me, But You."



Figure 9.14.5: NSS Special Camp Activities: Community Engagement, Cleanliness Drive, and Social Outreach at Kalskhand Village



Figure 9.14.6: NSS Volunteers Engaging with Rural Community for Water Awareness and Daily Life Interaction



Figure 9.14.7: NSS Volunteers Promoting Education and Community Interaction through Outreach Activities

9.14.5 Medical Check-up and Blood Donation Camp

The Medical and Blood Donation Camp held on 8th May 2025 at Amity University Mumbai was a well-organized initiative promoting health awareness and social responsibility. Conducted in collaboration with NCC, NSS, MediCover Hospital, and Navi Mumbai Blood Bank, the camp provided essential medical services and encouraged voluntary blood donation. With active participation from students and faculty, the event successfully facilitated health screenings and collected 35 units of blood. The dedicated efforts of medical professionals, support staff, and university volunteers ensured smooth execution. Overall, the camp reflected the university's commitment to community welfare, preventive healthcare, and fostering a culture of compassion and civic engagement.



Figure 9.14.8: Blood Donation Drive at Amity University Mumbai: NCC and NSS Volunteers Contributing to a Life-Saving Cause



Figure 9.14.9: Medical and Blood Donation Camp at Amity University Mumbai: A Collective Effort by NSS, NCC, and Healthcare Partners

9.14.6 Karuneshwar Old Age Home Visit

The Dean Student Welfare Office and the Student Council 2024–25 organized a meaningful Social Outreach Program at Karuneshwar Old Age Home on 7th April 2025. Aimed at spreading warmth and companionship, the initiative benefitted around 45–50 elderly residents through lunch provision, grocery distribution, and engaging student-led activities like music, dance, and counseling. The visit fostered emotional well-being among the residents while offering students valuable experience in empathy and social responsibility. The program reflected Amity University Mumbai's commitment to community engagement and compassionate service.

2. OBJECTIVE:

- was to bring comfort, joy, and companionship to the elderly residents of Old Age Home.
- The program aimed to promote community engagement
- instill a sense of social responsibility among the students.

3. DATE: 7th April 2025

4. LOCATION:

Karuneshwar Old Age Home, Bhanghar Village

5. DETAILS OF THE PROGRAM:

The outreach program was carefully structured to provide a holistic experience for both the elderly residents and the student volunteers. It was not just about providing material support but about creating meaningful interactions that could leave a lasting emotional impact.

• Lunch Provision:

A wholesome, vegetarian meal was specially arranged, keeping in mind the dietary restrictions and health concerns of the elderly residents. The menu was curated with input from the caretakers to ensure that the food served was both nutritious and easily digestible. Students personally served the meals, engaging the residents in light conversations during the 53 process, making them feel cared for and respected.

• Grocery Distribution:

To support the daily operational needs of the old age home, essential grocery items were collected and donated. This contribution aimed to reduce the financial burden on the home and provide them with some relief for the coming weeks.

• Student Interaction:

Understanding the emotional needs of the elderly, a major portion of the day was devoted to active interaction and engagement.

• Cultural Performances:

Students performed group dances and sang old Bollywood songs creating a cheerful and nostalgic atmosphere. The residents joined in by clapping, singing along, and even sharing dance moves of their own.

• One-on-One Counselling & Conversations:

Volunteers sat down with the residents in small groups and individually, listening to their stories, life experiences, and thoughts. These sessions provided emotional comfort and created a sense of validation and belonging.

6. EXPECTED OUTCOMES ACHIEVED:

- **Emotional and Social Impact:**

The residents expressed heartfelt gratitude and happiness. The personal interactions uplifted their spirits and reduced feelings of isolation, creating lasting memories.

- **Physical Support:**

The provision of a wholesome meal and essential groceries catered to their immediate nutritional and daily needs, providing comfort and ease.

- **Community Engagement:**

The event successfully fostered intergenerational bonding and promoted a culture of empathy and inclusivity among the student volunteers. It also helped instill a deeper understanding of community responsibility.

PHOTOS OF THE EVENT



Figure 9.14.12: Discussion with old age peoples



Figure 9.14.11: Discussion with old age peoples



Figure 9.14.12: Motivational speech by Dr.Gautam Gavali sir

Annexure I
(A) PROGRAM OUTCOME (POs)

Engineering Graduates will be able to:

PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

(B) PROGRAM SPECIFIC OUTCOME (PSOs)
Program should specify 2-4 program specific outcomes.

PSO1	Apply industry-standard, state-of-the-art technologies to solve real-world technical problems and meet current industry competency standards.
PSO2	Utilize core computing principles to design and optimize solutions, catering to evolving trends and challenges in the computer science domain.
PSO3	Develop the ability to integrate professionalism, ethics, communication and entrepreneurship for comprehensive growth.

Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institutes shall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

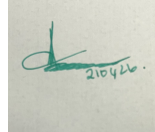
Head of the Institute

Prof.(Dr.) A. W. Santhosh

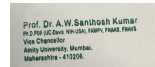
Name : Kumar

Designation : Vice Chancellor

Signature :



Seal of The Institution :



Place : Mumbai

Date : 21-04-2026 17:26:06