

NATIONAL BOARD OF ACCREDITATION

Data Capturing Points of the Program Applied for NBA Accreditation– Tier I/II UG (Engineering) Institute Programs

Program Name : Information Technology	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 1
Application No : 11329	Date of Submission : 11-12-2025

PART A- Profile of the Institute

A1.Name of the Institute: Noorul Islam College of Engineering	
Year of Establishment : 1989	Location of the Institute:
A2. Institute Address: Kumaracoil, Thuckalay	
City:Kanniyakumari (HQ : Nagercoil)	State:Tamil Nadu
Pin Code:629180	Website:www.niuniv.com
Email:info@niuniv.com	Phone No(with STD Code):04651-250566
A3. Name and Address of the Affiliating University (if any):	
Name of the University :	City:
State :	Pin Code:
A4. Type of the Institution: Deemed University	
A5. Ownership Status:	

A6. Details of all Programs being Offered by the Institution:

- No. of UG programs: **2**
- No. of PG programs: **4**

Table No. A6.1: List of all programs offered by the Institute.

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Computer Application	PG	Master of Computer Application	1995	--	Computer Application
2	Engineering & Technology	UG	Computer Science and Engineering	1989	--	Computer Science and Engineering
3	Engineering & Technology	PG	Computer Science and Engineering	2002	--	Computer Science and Engineering
4	Engineering & Technology	PG	Cyber Security	2013	--	Information Technology
5	Engineering & Technology	UG	Information Technology	1998	--	Information Technology
6	Management	PG	Master of Business Administration	1994	--	Management

A7. Programs to be considered for Accreditation vide this Application:

Table No. A7.1: List of programs to be considered for accreditation.

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Information Technology	No	Information Technology	UG

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Computer Science and Engineering	No	Computer Science and Engineering	UG
Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above. Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)			
No Record			

PART-B: Program information

B1. Provide the Required Information for the Program Applied For:

Table No. B1: Program details.
A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Information Technology	UG	1998 / --	30	Yes	2025	90	2025	AICTE	Granted accreditation for 3 years for the period (specify period)	2007	2010	1	4

Sanctioned Intake for Last Five Years for the Cyber Security	
Academic Year	Sanctioned Intake
2025-26	90
2024-25	60
2023-24	30
2022-23	30
2021-22	30
2020-21	30

List of the Allied Departments/Cluster and Programs:

B2. Detail of Head of the Department for the program under consideration:

A. Name of the HoD :	R.Mathusoothana S. Kumar
B. Nature of appointment:	Regular
C. Qualification:	M.E. and Ph.D.

B3. Program Details

Table No.B3.1: 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)	90	60	30	30	30	30	30

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	28	30	19	30	14	15	18
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	1	1	7	2	0
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.	28	30	20	31	21	17	18

CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4. Enrolment Ratio in the First Year

Table No. B4.1: 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)	90	28	0	31.11
2024-25 (CAYm1)	60	30	0	50.00
2023-24 (CAYm2)	30	19	0	63.33

Average [(ER1 + ER2 + ER3) / 3] = 48.15≐ 5.00

B5. Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: 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).	37.00	32.00	30.00
B=No. of students who graduated from the program in the stipulated course duration	19.00	14.00	18.00
Success Rate (SR)= (B/A) * 100	51.35	43.75	60.00

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 51.70

B6. Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 1st 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 1st year/10)	7.29	6.31	7.20
Y=Total no. of successful students	29.00	17.00	30.00
Z=Total no. of students appeared in the examination	30.00	19.00	30.00
API [X*(Y/Z)]	7.05	5.65	7.20

Average API[(AP1+AP2+AP3)/3] : 6.63

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: 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)	7.16	7.07	8.25
Y=Total no. of successful students	19.00	30.00	21.00
Z=Total no. of students appeared in the examination	18.00	31.00	21.00
API [X * (Y/Z)]	7.56	6.84	8.25

Average API [(AP1 + AP2 + AP3)/3] : 7.55

B8. Academic Performance of the Third Year Students of the Program

Table No.B8.1: 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)	7.26	7.82	8.45
Y=Total no. of successful students	30.00	20.00	15.00
Z=Total no. of students appeared in the examination	30.00	21.00	16.00
API [X*(Y/Z)]:	7.26	7.45	7.92

Average API [(AP1 + AP2 + AP3)/3] : 7.54

B9. Placement, Higher Studies, and Entrepreneurship

Table No.B9.1: Placement, higher studies, and entrepreneurship details.

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	37.00	32.00	30.00
X=No. of students placed	9.00	8.00	12.00
Y=No. of students admitted to higher studies	0.00	0.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	24.32	25.00	40.00

Average Placement Index = (P_1 + P_2 + P_3)/3: 29.77 Placement Index Points:

PART C: Faculty Details in Department and Allied Departments
(Data to be filled in for the Department and Allied Departments)

C1. Faculty details of Department and Allied Departments

Table No.C1: Faculty details in the Department for the past 3 years including CAY

Sr.No	Name of the Faculty	PAN No.	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	A.R.Subramonia Iyer	XXXXXX82L	M.Sc	University of Kerala	Cyber Forensics and Security	23/09/2013	12.2	Professor	Professor	23/09/2013	Regular	Yes		No
2	R.Mathusoothana S. Kumar	XXXXXX73A	M.E. and Ph.D.	Anna University	Image Processing	16/06/1999	26.5	Lecturer	Professor	12/01/2018	Regular	Yes		Yes
3	S. Maria Celestin Vigila	XXXXXX53G	M.E. and Ph.D.	Anna University	Data Security	04/01/1999	26.11	Lecturer	Associate Professor	18/09/2010	Regular	Yes		No
4	K.Siva Sankar	XXXXXX74F	M.E. and Ph.D.	MS University	System Software	01/07/2009	16.5	Lecturer	Associate Professor	01/04/2017	Regular	Yes		No
5	T.Brindha	XXXXXX09G	M.E. and Ph.D.	Noorul Islam Centre for Higher Education	Cloud Security	21/01/2008	17.10	Lecturer	Associate Professor	18/04/2019	Regular	Yes		No
6	Y.Jeyasheela	XXXXXX79B	M.E. and Ph.D.	Noorul Islam Centre for Higher Education	Data Mining	12/07/2006	19.4	Lecturer	Associate Professor	08/03/2021	Regular	Yes		No
7	M.B. Jayalekshmi	XXXXXX39A	M.E. and Ph.D.	Noorul Islam Centre for Higher Education	Cloud Security	26/06/2008	17.5	Lecturer	Assistant Professor		Regular	Yes		No
8	T.V.Sindia	XXXXXX58P	M.E. and Ph.D.	Noorul Islam Centre for Higher Education	Cloud Security	01/07/2009	16.5	Lecturer	Assistant Professor		Regular	Yes		No
9	Leena S Watson	XXXXXX73C	M.Tech	APJ Abdul kalam University	Cyber Forensics and Information Security	07/02/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
10	V.Sujithra	XXXXXX68J	M.E.	Noorul Islam Centre for Higher Education	Cyber Forensics and Information Security	01/09/2025	0.3	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Chithra R	XXXXXX13J	M.Tech	Amrita University	Computational engineering and Networking	26/11/2025	0	Assistant Professor	Assistant Professor		Regular	Yes		No

Table No.C2: Faculty details of Allied Departments for the past 3 years including CAY.

C2. Student-Faculty Ratio (SFR)

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)).

No. of UG Programs in the Department1 No. of PG Programs in the Department1
Table No.C2.1: Student-faculty ratio.

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	61	31	31
UG1.C	31	31	33
UG1.D	31	33	32
UG1: Information Technology	123	95	96
PG1.A	12	12	12
PG1.B	12	12	12
PG1: Cyber Security	24	24	24
DS=Total no. of students in all UG and PG programs in the Department	147	119	120
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= 147	S2= 119	S3= 120
DF=Total no. of faculty members in the Department	8	8	8
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= 8	F2= 8	F3= 8
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 18.38	SFR2= 14.88	SFR3= 15.00
Average SFR for 3 years	SFR= 16.09		

C3. Faculty Qualification

- Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF]]
2025-26(CAY)	7	1	7.00	26.43

2024-25(CAYm1)	7	1	5.00	37.00
2023-24(CAYm2)	7	1	5.00	37.00

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = 1/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.
- RF2= No. of Associate Professors required = 2/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- RF3= No. of Assistant Professors required = 6/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C4.1: Faculty cadre proportion details.

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	1.00	1.00	1.00	4.00	4.00	3.00
2024-25	1.00	1.00	1.00	4.00	3.00	3.00
2023-24	1.00	1.00	1.00	4.00	4.00	3.00
Average	RF1=1.00	AF1=1.00	RF2=1.00	AF2=4.00	RF2=3.67	AF2=3.00

C5. Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Anto Merbin Prakash. J	Project Manager	TATA ELXSI Pvt Ltd, Trivandrum	React in Full Stack Web Development	8.00
2	Prof. Dancy Kurian	Associate Professor	College of Engineering	About Next Generation AI tools	8.00
3	Ms. Aswathy Mohan	Cyber Security Analyst	Securium Solution, Tirunelveli	Ethical Hacking	20.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr Sasikumar	Professor	Biomedical Engineering, Human Genetics Department	Evolutionary Models, Reinforcement Learning, Applications	4.00
2	Ms. Aswathy Mohan	Cyber Security Analyst	Securium Solution, Tirunelveli	Privilege Escalation	30.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Anto Merbin Prakash. J	Project Manager	TATA ELXSI Pvt Ltd, Trivandrum	MongoDB	8.00
2	Mr.C.Balan	Director	Centre for Development of Advanced Computing (C-DAC)	Cyber Forensics and File Systems	30.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	13	21	16
2	No. of peer reviewed conference papers published	40	32	4
3	No. of books/book chapters published	1	2	1

C7. Sponsored Research Project

Table No. C7.1: List of sponsored research projects received from external agencies.

(CAYm1)

(CAYm2)

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: NIL

Note*:

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

C8. Consultancy Work

Table No. C8.1: List of consultancy projects received from external agencies.

(CAYm1)

(CAYm2)

(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. R. Mathusoothana S. Kumar	Dr. S. Maria Celestin Vigila	Information Technology	Website Revamping	Rubix Crew Pvt. Ltd.	3 months	0.05
						Amount received (Rs.):0.05

Total amount (Lacs) received for the past 3 years: 0.05

Note*:

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

C9. Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1)

(CAYm2)

(CAYm3)

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

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

D1. Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

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	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT3278-Object	Ms.Sajitha C	Lab Assistant	B.E.
2	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT3273-Object	Ms.Sajitha C	Lab Assistant	B.E.
3	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT3271-Data Si	Ms.Sajitha C	Lab Assistant	B.E.
4	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT3284- Cloud	Ms.Sajitha C	Lab Assistant	B.E.
5	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	CF3680-Datab	Ms.Sajitha C	Lab Assistant	B.E.
6	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT32P3- Projec	Ms.Sajitha C	Lab Assistant	B.E.
7	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT3282- Full St	Ms.Sajitha C	Lab Assistant	B.E.
8	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	CF3678 - Web	Ms.Sajitha C	Lab Assistant	B.E.
9	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT3274- Data C	Ms.Sajitha C	Lab Assistant	B.E.
10	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT3281- Web P	Ms.Sajitha C	Lab Assistant	B.E.
11	Advanced Artificial Intelligence Laboratory //	30	Computer (i7, 12th Gen) //	IT32P5 - Projec	Ms.Sajitha C	Lab Assistant	B.E.
12	System Programming Laboratory //	30	Computer (i7, 12th Gen) //	IT3279-Java Pi	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
13	System Programming Laboratory //	30	Computer (i7, 12th Gen) //	CF4676- Java	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.

14	System Programming Laboratory	30	Computer (i7, 12th Gen)	CF5672- Objec	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
15	System Programming Laboratory	30	Computer (i7, 12th Gen)	CF5671- Com	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
16	System Programming Laboratory	30	Computer (i7, 12th Gen)	CY5501- Mini I	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
17	System Programming Laboratory	30	Computer (i7, 12th Gen)	IT3275- Datab	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
18	System Programming Laboratory	30	Computer (i7, 12th Gen)	CY4572- Data	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
19	System Programming Laboratory	30	Computer (i7, 12th Gen)	CF4674- Pythc	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
20	System Programming Laboratory	30	Computer (i7, 12th Gen)	CF4673- Oper	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
21	System Programming Laboratory	30	Computer (i7, 12th Gen)	IT3276- Opera	Mr.Akbar M	Lab Assistant	B.E.,M.E., M.Sc.
22	Cyber Forensics Laboratory	30	Computer (i7, 12th Gen)	IT3283-Cyber I	Ms.Sajitha C	Lab Assistant	B.E.
23	Cyber Forensics Laboratory	30	Computer (i7, 12th Gen)	CF4675- Cybe	Ms.Sajitha C	Lab Assistant	B.E.
24	Cyber Forensics Laboratory	30	Computer (i7, 12th Gen)	CF3679- Ethic	Ms.Sajitha C	Lab Assistant	B.E.
25	Cyber Forensics Laboratory	30	Computer (i7, 12th Gen)	CF4573-Cyber	Ms.Sajitha C	Lab Assistant	B.E.
26	Cyber Forensics Laboratory	30	Computer (i7, 12th Gen)	IT3280 - Cyber	Ms.Sajitha C	Lab Assistant	B.E.
27	Cyber Forensics Laboratory	30	Computer (i7, 12th Gen)	CF3677- Com	Ms.Sajitha C	Lab Assistant	B.E.
28	Cyber Forensics Laboratory	30	Computer (i7, 12th Gen)	IT32P5 - Proj	Ms.Sajitha C	Lab Assistant	B.E.

D2. Safety Measures in Laboratories

Table No. D2.1: List of various safety measures in laboratories.

Sr. No	Laboratory Name	Safety Measures
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1	Advanced Artificial Intelligence Lab	First-aid box
2	System Programming Lab	Fire extinguisher
3	Cyber Forensics Lab	Fire extinguisher

D3. Project Laboratory/Research Laboratory

S.No.	Name of the Laboratory
1	System Programming Laboratory (MAT LAB)

The System Programming Laboratory (MATLAB) is established to support student projects, research activities, and advanced practical learning in the department. The laboratory is equipped with computer systems installed with MATLAB software, which is extensively used for system-level programming, data analysis, algorithm development, simulation, and research-oriented experimentation.

Smart Room and Laboratory usage photographs

Smart Classroom with ICT Facility



Advanced Artificial Intelligence Lab



System Programming Lab



Cyber Forensics Lab



PART E: First Year faculty and financial Resources

(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

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)	30	2	4	6	220
2024-25(CAYm1)	60	3	4	6	147
2025-26(CAY)	90	4	4	6	110

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budgeted in 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Infrastructure Built-Up //	250.00	17.36	75.00	179.55	90.00	106.74	15.00	9.35
Library //	44.48	1.10	40.44	1.93	38.51	3.94	25.06	0.10
Laboratory equipment //	100.00	0.17	110.04	5.19	25.00	33.90	20.00	3.47
Teaching and non-teaching staff salary //	1699.00	1029.99	1417.69	1373.90	1333.69	1313.01	1390.90	1315.06
Outreach Programs //	115.59	6.46	115.35	114.65	12.47	10.14	9.70	6.67
R&D //	185.86	59.33	173.54	91.55	76.77	81.03	60.56	25.51
Training, Placement and Industry linkage //	81.90	67.87	76.04	57.56	69.53	71.65	66.63	69.91
SDGs //	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Entrepreneurship //	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Others, specify //	2525.72	1366.66	2110.27	1768.43	1353.82	1519.89	1109.39	1084.77
Total	5002.55	2548.94	4118.37	3592.76	2999.79	3140.30	2697.24	2514.84

E3. Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.

Items	Budgeted in 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Laboratory equipment //	400000	0389122	5700000	5676850	1000000	976269	3948563	3921824
Software //	100000	0	100000	0	100000	0	1545074	198178
SDGs //	0	0	0	0	0	0	0	0
Support for faculty development //	0	0	0	0	0	0	35200	0
R & D //	0	0	0	0	0	0	170000	0
Industrial Training, Industry expert, Internship //	0	0	0	0	0	0	0	0
Miscellaneous Expenses* //	0	0	0	0	0	0	154000	0
Total	500000	389122	5800000	5676850	1100000	976269	5852837	4120002