

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: 12177	Date of Submission: 19-09-2026

PART A- Profile of the Institute

A1.Name of the Institute: KCG COLLEGE OF TECHNOLOGY	
Year of Establishment : 1997	Location of the Institute: Chennai
A2. Institute Address: RAJIV GANDHI SALAI,KARAPAKKAM	
City:CHENNAI	State:Tamil Nadu
Pin Code:600097	Website:www.kcgcollege.ac.in
Email:PRINCIPAL@KCGCOLLEGE.COM	Phone No(with STD Code):044-28389001
A3. Name and Address of the Affiliating University (if any):	
Name of the University : NIL	City: Chennai
State : Tamil Nadu	Pin Code: 600025
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **15**
- No. of PG programs: **7**

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	2025	--	Computer Application
2	Engineering & Technology	PG	Aeronautical Engineering	2022	--	Aeronautical Engineering
3	Engineering & Technology	UG	Aeronautical Engineering	2007	--	Aeronautical Engineering
4	Engineering & Technology	UG	Aerospace Engineering	2019	--	Aerospace Engineering
5	Engineering & Technology	UG	Artificial Intelligence and Data Science	2020	--	Artificial Intelligence and Data Science
6	Engineering & Technology	UG	Automobile Engineering	2018	--	Automobile Engineering
7	Engineering & Technology	UG	Biomedical Engineering	2026	--	Biomedical Engineering
8	Engineering & Technology	UG	Civil Engineering	2011	--	Civil Engineering
9	Engineering & Technology	PG	Communication Systems	2011	--	Electronics and Communication Engineering
10	Engineering & Technology	PG	Computer Science and Engineering	2010	--	Computer Science and Engineering
11	Engineering & Technology	UG	Computer Science and Engineering	1998	--	Computer Science and Engineering
12	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2025	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
13	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2023	--	Computer Science and Engineering (Cyber Security)
14	Engineering & Technology	UG	Electrical & Electronics Engineering	1998	--	Electrical and Electronics Engineering

15	Engineering & Technology	UG	Electronics & Communication Engineering	1998	--	Electronics and Communication Engineering
16	Engineering & Technology	UG	Fashion Technology	2018	--	Fashion Technology
17	Engineering & Technology	UG	Information Technology	2001	--	Information Technology
18	Engineering & Technology	PG	Manufacturing Engineering	2013	--	Mechanical Engineering
19	Engineering & Technology	UG	Mechanical Engineering	1998	--	Mechanical Engineering
20	Engineering & Technology	UG	Mechatronics Engineering	2019	--	Mechatronics Engineering
21	Engineering & Technology	PG	Power Electronics & Drives	2013	--	Electrical and Electronics Engineering
22	Engineering & Technology	PG	VLSI Design	2026	--	Electronics and Communication Engineering

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	Yes	Information Technology	UG
Computer Science and Engineering	Yes	Computer Science and Engineering	UG
Computer Science and Engineering (Cyber Security)	Yes	Computer Science and Engineering (Cyber Security)	UG
Artificial Intelligence and Data Science	Yes	Artificial Intelligence and Data Science	UG
Electronics and Communication Engineering	No	Electronics & Communication 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)

Allied Department/Cluster Name	Program Name	Program Level
Computer Science and Engineering	Computer Science and Engineering	UG
Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG
Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG
Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG
Computer Science and Engineering	Computer Science and Engineering	PG

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/COMPE AUTHORITY A DETAILS
1	Information Technology	UG	2001 / --	40	Yes	2023	120	2001	F. No. Southerr 36484997173/2 Jun-2023

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/COMPE AUTHORITY A DETAILS
Sanctioned Intake for Last Five Years for the Information Technology									
Academic Year				Sanctioned Intake					
2025-26				120					
2024-25				120					
2023-24				120					
2022-23				60					
2021-22				60					
2020-21				60					

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	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
1	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG	2025 / --	60	No	NA	60	2025
2	Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG	2020 / --	60	Yes	2025	90	2025
Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science									
Academic Year				Sanctioned Intake					
2025-26				90					
2024-25				60					
2023-24				60					
2022-23				60					
2021-22				60					
2020-21				60					
3	Computer Science and Engineering	Computer Science and Engineering	UG	1998 / --	40	Yes	2025	240	2025
Sanctioned Intake for Last Five Years for the Computer Science and Engineering									
Academic Year				Sanctioned Intake					
2025-26				240					
2024-25				180					
2023-24				180					
2022-23				150					
2021-22				120					
2020-21				120					
4	Computer Science and Engineering	Computer Science and Engineering	PG	2010 / --	18	Yes	2023	12	2023

SR.NO.	ALLIED DEPARTMENT NAME	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
Sanctioned Intake for Last Five Years for the Computer Science and Engineering									
Academic Year				Sanctioned Intake					
2025-26				12					
2024-25				12					
2023-24				12					
2022-23				18					
2021-22				18					
2020-21				18					
5	Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG	2023 / --	60	No	NA	60	2023

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

A. Name of the HoD :	ADLINE FREEDA R
B. Nature of appointment:	Regular
C. Qualification:	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)	120	120	120	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	120	120	120	60	60	60	45
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	5	1	3	4	4	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	6	4	3	3	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	120	131	125	66	67	64	45

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)	120	120	0	100.00
2024-25 (CAYm1)	120	120	6	105.00

2023-24 (CAYm2)	120	120	4	103.33
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Average $[(ER1 + ER2 + ER3) / 3] = 102.78 \approx 100$

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).	67.00	64.00	60.00
B=No. of students who graduated from the program in the stipulated course duration	59.00	56.00	40.00
Success Rate (SR)=(B/A) * 100	88.06	87.50	66.67

Average SR of three batches $((SR_1 + SR_2 + SR_3)/3)$: 80.74

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)
Mean of CGPA or mean percentage of all successful students(X)	8.22	7.90	8.13
Y=Total no. of successful students	124.00	119.00	61.00
Z=Total no. of students appeared in the examination	126.00	124.00	63.00
API $[X*(Y/Z)]$	8.09	7.58	7.87

Average API $[(AP1 + AP2 + AP3)/3]$: 7.85

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)	8.10	7.61	8.11
Y=Total no. of successful students	116.00	60.00	62.00
Z=Total no. of students appeared in the examination	120.00	64.00	66.00
API $[X * (Y/Z)]$	7.83	7.13	7.62

Average API $[(AP1 + AP2 + AP3)/3]$: 7.53

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)	7.81	7.23	7.19
Y=Total no. of successful students	57.00	60.00	58.00
Z=Total no. of students appeared in the examination	60.00	62.00	60.00
API $[X*(Y/Z)]$:	7.42	7.00	6.95

Average API $[(AP1 + AP2 + AP3)/3]$: 7.12

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	67.00	64.00	60.00
X=No. of students placed	53.00	49.00	35.00
Y=No. of students admitted to higher studies	4.00	5.00	3.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	85.07	84.38	63.33

Average Placement Index = $(P_1 + P_2 + P_3)/3$: 77.59 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)
1	ADLINE FREEDA R	XXXXXXX12B	Ph.D	Hindustan Institute of Science and Technology	Software Testing and Deep Learning	02/06/2010	16.3	Assistant Professor	Assistant Professor		Regular
2	ROSELIN MARY S	XXXXXXX95K	Ph.D	Hindustan Institute of Science and Technology	Software Architecture, Machine Learning, Cryptography, Image processing	02/07/2024	2.2	Professor	Professor		Regular
3	MUTHUSELVAN S	XXXXXXX85A	Ph.D	St. Peter's Institute of Higher Education and Research	Computer Science and Engineering	01/06/2023	3.3	Associate Professor	Associate Professor		Regular
4	BABYMOL KURIAN S	XXXXXXX20E	Ph.D	Sathyabama Institute of Science and Technology	Machine Learning & Computational Intelligence	30/03/2022	4.5	Assistant Professor	Assistant Professor		Regular
5	ANJU A	XXXXXXX21E	Ph.D	Anna University	Cyber Security	15/07/2013	13.2	Assistant Professor	Assistant Professor		Regular
6	LAVANYA S	XXXXXXX98H	M.E.	Anna University	Computer Science and Engineering	24/08/2022	4	Assistant Professor	Assistant Professor		Regular
7	ELAKIYA R	XXXXXXX70L	M.E.	Anna University	Computer science and Engineering	25/07/2025	0.10	Assistant Professor	Assistant Professor		Regular
8	CHRIS JOSEPH LEVICS N M	XXXXXXX40M	M.Tech	LPU Lovely Professional University	Information Security and Cyber Forensics	01/07/2025	1.2	Assistant Professor	Assistant Professor		Regular
9	PEARLIN SHEEJA J.S	XXXXXXX97B	M.Tech	Karunya University	Computer Science and Engineering	14/07/2025	1.2	Assistant Professor	Assistant Professor		Regular
10	NANDHINI A	XXXXXXX57Q	M.E.	Anna University	Computer science and Engineering	15/06/2023	3.3	Assistant Professor	Assistant Professor		Regular
11	RAJASEKARAN R	XXXXXXX83M	M.E.	Anna University	Industrial Engineering	16/07/2024	2.2	Assistant Professor	Assistant Professor		Regular
12	ANAND C	XXXXXXX69A	M.E.	Sathyabama University	Computer Networks	16/07/2025	1.2	Assistant Professor	Assistant Professor		Regular
13	BEEMA MEHRAJ M	XXXXXXX20L	M.Tech	Anna University	Computer Science and Engineering	01/07/2024	2.2	Assistant Professor	Assistant Professor		Regular
14	SUWATHI P	XXXXXXX94L	M.E.	Anna university	Computer Science and Engineering	01/07/2025	1.2	Assistant Professor	Assistant Professor		Regular
15	SUGANYA K S	XXXXXXX09J	M.E.	Anna University	Computer Science and Engineering	29/04/2022	4.4	Assistant Professor	Assistant Professor		Regular
16	MOHADEEN FATHIMA P	XXXXXXX40R	M.E.	Crescent University	Computer Science and Engineering	03/07/2023	2.10	Assistant Professor	Assistant Professor		Regular
17	EZILSAMLENI A	XXXXXXX51B	Ph.D	Sathyabama Institute of Science and Technology	IOT	04/07/2022	2.10	Professor	Professor		Regular
18	NARENDRAN M	XXXXXXX09B	M.Tech	Anna University	Information Technology	19/06/2023	1.11	Assistant Professor	Assistant Professor		Regular

19	MAMATHA REDDYSILVAM	XXXXXXXX77J	M.Tech	Jawaharlal Nehru Technological University	Artificial Intelligence	14/10/2022	2.7	Assistant Professor	Assistant Professor		Regular
20	SATHYA A	XXXXXXXX22R	M.E.	Anna University	Computer Science and Engineering	15/06/2023	3.3	Assistant Professor	Assistant Professor		Regular
21	DHAYA R	XXXXXXXX33E	Ph.D	Manonmaniam Sundaranar University	Computer Science and Engineering	11/07/2022	1.5	Professor	Professor		Regular
22	FRANK VIJAYJAYA SINGH	XXXXXXXX08R	Ph.D	Anna University	Computer Science and Engineering	05/03/2012	12.5	Associate Professor	Professor	01/07/2013	Regular
23	TAMIZHSELVI S.P	XXXXXXXX33D	M.E.	Anna University	Computer Science and Engineering	27/06/2016	7.11	Assistant Professor	Assistant Professor		Regular

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

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
1	REVATHY S	XXXXXXXX59Q	NA	Ph.D	Sathyabama University	Computer Science and Engineering	23/06/2025	1.2	Professor	Professor	
2	JOTHI S	XXXXXXXX95H	NA	Ph.D	Anna University	Computer Science and Engineering	25/05/2023	3.3	Professor	Professor	
3	KRISHNA B V	XXXXXXXX65N	NA	Ph.D	Anna University	Computer Science and Engineering	05/07/2023	3.2	Professor	Professor	
4	SAFIA NAVEED S	XXXXXXXX32K	NA	Ph.D	Anna University	Computer Science and Engineering	01/06/2023	3.3	Associate Professor	Associate Professor	
5	ROBINSON JOEL M	XXXXXXXX71F	NA	Ph.D	Manonmaniam Sundaranar University	Computer Science and Engineering	01/07/2024	2.2	Associate Professor	Associate Professor	
6	VANITHA R	XXXXXXXX91Q	NA	Ph.D	Anna University	Computer Science and Engineering	01/07/2024	2.2	Associate Professor	Associate Professor	
7	SWATI SAXENA	XXXXXXXX74F	NA	Ph.D	Anna University	Computer Science and Engineering	31/03/2021	5.5	Associate Professor	Associate Professor	
8	GRACIA SAMUEL	XXXXXXXX34D	NA	Ph.D	Christ Deemed to be University	Computer Science and Engineering	01/07/2025	1.2	Assistant Professor	Assistant Professor	
9	VASANTHA KUMAR V	XXXXXXXX45D	NA	M.E.	Anna University	Systems Engineering and Operations Research	25/09/2006	19.11	Assistant Professor	Assistant Professor	
10	DEVI R	XXXXXXXX98C	NA	M.E.	Anna University	Computer Science and Engineering	28/06/2023	3.2	Assistant Professor	Assistant Professor	
11	SANGEETHA K	XXXXXXXX95D	NA	M.E.	Anna University	c	28/06/2023	3.2	Assistant Professor	Assistant Professor	
12	PRIYANKA G	XXXXXXXX51D	NA	M.Tech	Jawaharlal Nehru Technological University	Computer Science and Engineering	01/07/2025	1.2	Assistant Professor	Assistant Professor	
13	PRIYA S	XXXXXXXX36G	NA	M.E.	Anna University	Computer Science and Engineering	01/07/2024	2.2	Assistant Professor	Assistant Professor	

14	BHARATHI A	XXXXXXX44N	NA	M.E.	Anna University	Computer Science and Engineering	03/07/2023	3.2	Assistant Professor	Assistant Professor	
15	RAJAGANAPATHY K	XXXXXXX19D	NA	M.E.	Anna University	Computer Science and Engineering	06/08/2009	17.1	Assistant Professor	Assistant Professor	
16	SUMITHRADEVI K	XXXXXXX67G	NA	M.E.	Anna University	Software Engineering	19/06/2023	3.3	Assistant Professor	Assistant Professor	
17	LAKSHMI N	XXXXXXX91P	NA	Ph.D	Anna University	Computer Science and Engineering	03/07/2023	3.2	Assistant Professor	Assistant Professor	
18	RAVI KARTHIK R	XXXXXXX55B	NA	M.E.	Anna University	Computer Science and Engineering	19/03/2024	2.6	Assistant Professor	Assistant Professor	
19	ARAVIND G	XXXXXXX11P	NA	M.E.	Anna University	Computer Science and Engineering	01/07/2024	1.10	Assistant Professor	Assistant Professor	
20	RAGHAVI.K	XXXXXXX62Q	NA	M.E.	Anna University	Computer Science and Engineering	16/07/2024	2.2	Assistant Professor	Assistant Professor	
21	ASHA SATHYAN	XXXXXXX50E	NA	M.Tech	Karunya University	Computer science and Engineering	01/07/2025	1.2	Assistant Professor	Assistant Professor	
22	PAVITHRA D	XXXXXXX87R	NA	M.E.	Anna University	Computer science and Engineering	01/07/2025	1.2	Assistant Professor	Assistant Professor	
23	ISWARYA V	XXXXXXX62F	NA	M.E.	Anna University	Computer Science and Engineering	01/07/2025	1.2	Assistant Professor	Assistant Professor	
24	RADHAKRISHNAN N	XXXXXXX60D	NA	M.E.	IIT-Madras	Computer Science and Engineering	16/06/2025	1.3	Assistant Professor	Assistant Professor	
25	UMA DEVI BITRA	XXXXXXX37Q	NA	M.Tech	Birla Institute of Technology and Science	Software Systems	18/06/2025	0.11	Assistant Professor	Assistant Professor	
26	DEEPIKA R	XXXXXXX55P	NA	M.E.	Anna University	Computer Science and Engineering	18/06/2025	1.3	Assistant Professor	Assistant Professor	
27	NITHYADHEVI S	XXXXXXX56N	NA	M.E.	Anna University	Computer Science and Engineering	18/06/2025	1.3	Assistant Professor	Assistant Professor	
28	CLOUDIN SWAMYNATHAN	XXXXXXX23P	NA	Ph.D	Anna University	Computer Science and Engineering	01/05/2009	16.1	Assistant Professor	Professor	01/07/2022
29	KAVITHA ESTHER RAJAKUMARI	XXXXXXX76J	NA	Ph.D	Sathyabama Institute of Science and Technology	Computer Science and Engineering	02/06/2023	1.11	Associate Professor	Associate Professor	
30	ARUNKUMAR S	XXXXXXX31M	NA	Ph.D	Anna University	Computer Science and Engineering	07/06/2021	3.11	Associate Professor	Associate Professor	
31	SHINY SU	XXXXXXX53P	NA	M.E.	Anna University	Computer Science and Engineering	18/06/2018	6.11	Assistant Professor	Assistant Professor	
32	LEENA MERCY BUYLA ANUSHLIN	XXXXXXX36E	NA	M.Tech	Manonmaniam Sundaranar University	Computer and Information Technology	24/04/2024	1.1	Assistant Professor	Assistant Professor	
33	KEERTHANA G	XXXXXXX00P	NA	M.E.	Anna University	Software Engineering	01/02/2022	3.3	Assistant Professor	Assistant Professor	
34	DIVYA A	XXXXXXX42G	NA	M.E.	Anna University	Computer Science and Engineering	27/05/2024	1	Assistant Professor	Assistant Professor	
35	RAMKUMAR S	XXXXXXX13E	NA	M.E.	Anna University	Software Testing	29/04/2022	3.1	Assistant Professor	Assistant Professor	

36	PRASATH R	XXXXXXX24G	NA	Ph.D	Meenakshi University	Computer Science and Engineering	01/06/2021	3	Assistant Professor	Assistant Professor	
37	MEDURI MRUDULA	XXXXXXX28Q	NA	M.Tech	Pondicherry University	Information System	31/03/2021	3.2	Assistant Professor	Assistant Professor	
38	DHINAKARAN K	XXXXXXX26A	NA	M.E.	Anna University	Embedded System Technologies	03/07/2023	0.10	Assistant Professor	Assistant Professor	
39	MERCY W	XXXXXXX37H	NA	M.E.	Anna University	Computer Science and Engineering	23/08/2021	3.9	Assistant Professor	Assistant Professor	
40	PARI R	XXXXXXX90F	NA	Ph.D	Crescent University	Computer Science and Engineering	08/03/2021	3.2	Assistant Professor	Assistant Professor	
41	KRISHNAMURTHY M	XXXXXXX08H	NA	Ph.D	Anna University	AIML	17/06/2013	13.3	Professor	Professor	
42	JASMINE PAUL	XXXXXXX94F	NA	Ph.D	Anna University	Computer Science and Engineering	16/07/2025	1.2	Associate Professor	Associate Professor	
43	ARTHI D	XXXXXXX15C	NA	M.E.	Avinashilingam University	Computer Science and Engineering	15/06/2022	3.11	Assistant Professor	Assistant Professor	
44	AISHWARYA S	XXXXXXX58Q	NA	M.Tech	Anna University	Information Technology	15/06/2023	3.3	Assistant Professor	Assistant Professor	
45	ANGEL FELCIYA.I	XXXXXXX15C	NA	M.E.	Anna University	Computer Science and Engineering	16/07/2025	0.10	Assistant Professor	Assistant Professor	
46	YUGAVARMAN K	XXXXXXX17L	NA	M.E.	Anna University	Computer science and Engineering	15/06/2023	2.11	Assistant Professor	Assistant Professor	
47	SOUNDARYA R	XXXXXXX17F	NA	M.E.	Anna University	Networks	19/06/2023	3.3	Assistant Professor	Assistant Professor	
48	NIDHI DANIEL	XXXXXXX62E	NA	M.E.	Anna University	Computer Science and Engineering	13/06/2023	3.3	Assistant Professor	Assistant Professor	
49	PALANIAPPAN S	XXXXXXX63E	NA	Ph.D	Jawaharlal Nehru Technological University	Data Mining	17/06/2019	5.11	Associate Professor	Professor	01/07/2024
50	BAIRAVEL S	XXXXXXX70H	NA	Ph.D	Anna University	Machine Learning	01/06/2010	15	Assistant Professor	Associate Professor	02/07/2018
51	SARANYA A	XXXXXXX63N	NA	M.Tech	Ponnaiyah Ramajayam Institute of Science and Technology,	Computer science and Engineering	30/05/2022	3	Assistant Professor	Assistant Professor	
52	SUDHA D	XXXXXXX63E	NA	M.E.	Anna University	Computer Science and Engineering	15/03/2022	3.2	Assistant Professor	Assistant Professor	
53	GOKILAM G	XXXXXXX46A	NA	Ph.D	Ponnaiyah Ramajayam Institute of Science and Technology,	Data Mining	01/07/2024	2.2	Associate Professor	Associate Professor	
54	JAYANTHI RANI P	XXXXXXX73D	NA	M.E.	Manonmaniam Sundaranar University	Computer Science and Engineering	02/07/2025	1.2	Assistant Professor	Assistant Professor	
55	PRIYANGA S	XXXXXXX79F	NA	M.E.	Anna University	Computer science and Engineering	02/07/2025	1.2	Assistant Professor	Assistant Professor	
56	RAMANI S	XXXXXXX12B	NA	M.E.	Anna University	Computer science and Engineering	02/07/2025	1.2	Assistant Professor	Assistant Professor	
57	CHANDHINI OOMMEN	XXXXXXX25N	NA	M.E.	Anna University	Computer science and Engineering	03/07/2023	3.2	Assistant Professor	Assistant Professor	

58	SRIDEVI T	XXXXXXXX26B	NA	M.E.	Anna University	Computer science and Engineering	03/07/2023	3.2	Assistant Professor	Assistant Professor	
59	KRITHIKAA VENKET	XXXXXXXX19R	NA	M.Tech	Anna University	Information Technology	15/06/2017	9.3	Assistant Professor	Assistant Professor	

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 Department5 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	125	121	63
UG1.C	121	63	64
UG1.D	63	64	64
UG1: Information Technology	309	248	191
UG2.B	64	60	0
UG2.C	60	0	0
UG2.D	0	0	0
UG2: Computer Science and Engineering (Cyber Security)	124	60	0
UG3.B	184	183	156
UG3.C	183	156	128
UG3.D	156	128	126
UG3: Computer Science and Engineering	523	467	410
UG4.B	63	61	63
UG4.C	61	63	63
UG4.D	63	63	63
UG4: Artificial Intelligence and Data Science	187	187	189
UG5.B	0	0	0
UG5.C	0	0	0
UG5.D	0	0	0
UG5: Computer Science and Engineering (Artificial Intelligence & Machine Learning)	0	0	0
PG1.A	12	12	12
PG1.B	12	12	18
PG1: Computer Science and Engineering	24	24	30
DS=Total no. of students in all UG and PG programs in the Department	309	248	191
AS=Total no. of students of all UG and PG programs in allied departments	858	738	629
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1167	S2= 986	S3= 820
DF=Total no. of faculty members in the Department	17	15	14
AF= Total no. of faculty members in the allied Departments	42	40	35
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 59	F2= 55	F3= 49
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= 19.78	SFR2= 17.93	SFR3= 16.73

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
Average SFR for 3 years	SFR= 18.15		

C3. Faculty Qualification

- Faculty qualification index (FQI) = $2.5 \times [(10X + 4Y)/RF]$ 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 = $2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	17	42	58.00	14.57
2024-25(CAYm1)	18	37	49.00	16.73
2023-24(CAYm2)	16	33	40.00	18.25

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 \times$ 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 = $2/9 \times$ 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 = $6/9 \times$ 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	6.00	5.00	13.00	7.00	39.00	47.00
2024-25	5.00	7.00	11.00	9.00	33.00	39.00
2023-24	5.00	6.00	9.00	7.00	27.00	36.00
Average	RF1=5.33	AF1=6.00	RF2=11.00	AF2=7.67	RF2=33.00	AF2=40.67

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)

(CAYm2)

(CAYm3)

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	2	5	3
2	No. of peer reviewed conference papers published	33	16	1
3	No. of books/book chapters published	8	11	1

C7. Sponsored Research Project

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

(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
Dr.Babymol Kurian	Ms.A.Sathya	IT	Autonomous AI Customer Support & Service Management Platform	ZVERZE SOLUTIONS	1.7 yrs	350000.00
Dr.Muthuselvan	Ms.Nandhini	IT	Aqua Sage	Techknots	1.5	290000.00
						Amount received (Rs.):640000.00

(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
Ms.A.Anju	Mr.Narendran	IT	AI based Waste Segregation - Intelligent Dry and Wet waste Seggregator	Space Zee Technologies	2.5 yrs	550000.00
Dr.Ezhilsamleni.A	Ms.Suganya.K	IT	Pulse Minds	Alibi Technologies	1.4 yrs	170000.00
						Amount received (Rs.):720000.00

(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.Frank Vijay	Dr.Malathi	IT	360 degree s smart Campus Navigation systems using AR/VR	Enlight wisdom	1.5 yrs	560000.00
Ms.R.Adline Freeda	Ms.Tina Susan Thomas	IT	AI-Enabled Smart Water Management Platform Using Digital Water Meter Data for Sustainable Water Distribution	Imarticus Learning	2.7 yr	325000.00
						Amount received (Rs.):885000.00

Total Amount (Lacs) Received for the Past 3 Years: 2245000.00

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)

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
Mrs.NANDHINI A		IT	ERP Software	Arunai Creations	8	120000.00
Mrs.A.SATHYA		IT	Operations Software	Digital Powe Tech	10	75000.00
Ms.MOHADEEN FATHIMA		IT	Educational Mentorship Platform	LastTry Academy	1.5	130000.00
Mr.NARENDRAN		IT	Website Development	SR Construction	6	55000.00
Mr.RAJASEKARAN		IT	Website Development	Arusuva cafe	10	85000.00
Ms.MERCY.W		IT	Website Development	SYASAN'S Career Analytics	6	60000.00
Ms.MAMATHA REDDY SELVAM		IT	Portfolio -School Software	Brotherhood School	1.5	200000.00
						Amount received (Rs.):725000.00

(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
Mrs.A.SATHYA		IT	Equity based crowd funding platform	Sprezox	12	170000.00
NARANDRAN N		IT	Smart bus management system	Tharai Travels	12	195000.00
Ms.TAMIZHSELVI.S.P		IT	Website Development	Cycura Minerals	15	165000.00
						Amount received (Rs.):530000.00

(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.J.FRANK VIJAY		IT	Tank pulse	Hyrowah Technologies	10	1.80
Ms.TINA SUSAN THOMAS		IT	Mobile app	Aruchi Restaurant	6	0.65
BABYMOL KURIAN S		IT	Website Development	Mustardone	8	1.20
Ms.A.ANJU		IT	Website Development	Posh Boutique	6	1.30
Mrs.R.ADLINE FREEDA		IT	Stock management	Daily needs	6	1.65
Dr.J.FRANK VIJAY		IT	Website Development	Shartrax Technologies	9	1.25
						Amount received (Rs.):7.85

Total amount (Lacs) received for the past 3 years: 1255007.85

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)

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
Dr. Adline Freeda	INDAI(AI powered Smart Industry Administration Platform)	1 yr	325000.00	285000.00	Working Model
			Amount received (Rs.): 325000.00		

(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
Dr. Muthuselvan	KCG Speakup-Smart grievance redressal system	8 months	350000.00	110000.00	working model
			Amount received (Rs.): 350000.00		

(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
Dr. Anju	Rescue Meal	1 yr	200000.00	110000.00	working Model
Dr.Frank Vijay	sterilysense	1 yr	150000.00	135000.00	working Model
			Amount received (Rs.): 350000.00		

Total amount (Lacs) received for the past 3 years : 1025000.00

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	Watts Humphrey Software Engineering Laboratory	30	Hardware Specification:- Intel core i3- 6100 (3.70 GHz), RAM-8 GB, SSD-1TB, 500 GB, Intel Core i3	35 hrs per wee	Ms. M. Dhivy;	Lab Instructo	MCA
2	Dabbala Rajagopal AI/ML Laboratory	60	Hardware Specification ;:- Intel core i5-12400 (2.50 GHz), RAM-16 GB, SSD-500 GB, Intel Core i5	35 hrs per wee	Mrs.R.Sarav	Lab Instructo	MCA

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Watts Humphrey Software Engineering Laboratory	1. Mobile phones are not strictly allowed 2. Never handle any equipment with wet hand. 3. CCTV camera is available 4. Do and Donts are displayed in the Lab. 5. First Aid Box and Fire Extinguishers were available for safety 6. The firewall and antivirus for the labs are installed
2	Dabbala Rajagopal AI/ML Laboratory	1. Mobile phones are not strictly allowed 2. Never handle any equipment with wet hand. 3. CCTV camera is available 4. Do and Donts are displayed in the Lab. 5. First Aid Box and Fire Extinguishers were available for safety 6. The firewall and antivirus for the labs are installed
3	Steve Jobs Technology Laboratory	1. Mobile phones are not strictly allowed 2. Never handle any equipment with wet hand. 3. CCTV camera is available 4. Do and Donts are displayed in the Lab. 5. First Aid Box and Fire Extinguishers were available for safety 6. The firewall and antivirus for the labs are installed

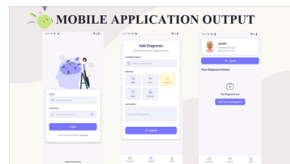
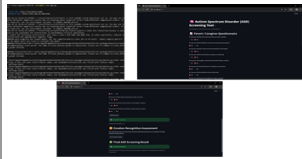
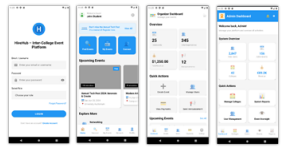
D3. Project Laboratory/Research Laboratory

Table No. 7.5.1: List of project laboratory/research laboratory /Centre of Excellence.

S. No.	Name of the Facility	Research focus	List of equipments	Relevance to POs/PSOs	Justification
1	Steve Jobs Technology Laboratory	Software Engineering, Artificial Intelligence, Machine Learning, Data Science, IoT, Networking, Cybersecurity and Emerging Technologies	Hardware Specifications:- Intel core i3, RAM-8 GB, HDD-SSD 512 GB Software:- ArgoUml, VS Code, Google Colab, TensorFlow, Keras, PyTorch, NumPy, Pandas, Matplotlib, Scikit-learn	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	PO1: Provides opportunities to apply foundational engineering and computing knowledge to practical problem-solving. PO2: Develops the ability to identify problems, understand requirements, analyse information and formulate suitable solutions. PO3: Provides opportunities to design and develop solutions considering functional, user and societal requirements. PO4: Develops skills in experimentation, analysis, testing, validation and interpretation of results. PO5: Provides experience in selecting and applying appropriate modern computing tools and techniques. PO6: Promotes consideration of societal needs, user well-being, accessibility and broader impacts. PO7: Develops awareness of ethical responsibilities, privacy, security and responsible technology usage. PO8: Provides opportunities to collaborate, coordinate responsibilities and contribute effectively within a team. PO9: Develops professional communication through documentation, presentations, demonstrations and technical reviews. PO10: Provides experience in planning activities, managing resources, scheduling tasks and completing work within constraints. PO11: Develops professional responsibility in applying computing knowledge to practical and organizational requirements. PO12: Encourages independent learning, research, continuous improvement and adaptation to emerging technologies. PSO1: Strengthens the ability to apply core Information Technology knowledge and computing skills to practical applications. PSO2: Develops the ability to integrate modern IT tools and emerging technologies to address diverse application requirements.

Table No. 7.5.2: List of the projects carried out in the lab CAYm1 2025-2026

Batch No	Project Title	Name of Supervisor	Student Name	Description	Project image
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1	Integrating Deep Learning and Psychological Models for Adaptive AI-Based Student Support Systems	Dr.Babymol kurian	Ishrath Ayesha A	Students have different learning abilities, academic needs, and emotional challenges. Deep learning and psychological models are integrated to analyse student behaviour, identify learning difficulties, and provide personalized academic support and suitable interventions to improve learning outcomes.	
			Sowmiya C		
2	AI - Based Detection of Psychological Disorders and Intelligent Treatment Recommendations System	Dr.Babymol kurian	L. Pavithra Darsini	Early identification of psychological disorders can support timely intervention and professional care. Artificial intelligence techniques are used to analyse behavioural patterns and user-provided information to identify potential psychological concerns and suggest appropriate professional consultation and mental health resources..	
			S. Sruthi		
			S.Subiksha		
3	A Data Driven approach to Early-Stage Autism Spectrum Disorder Detection	Dr. R Adline Freeda	Chris Aaron	Early screening of Autism Spectrum Disorder can help children receive timely support. Machine learning algorithms analyse behavioural, developmental, and screening data to identify potential indicators of autism, assess preliminary risk levels, and facilitate early consultation with healthcare professionals.	
			Chris Livingstone		
			Gopikrishnan A		
4	A Centralized Platform for Intelligent Academic Event Management	Dr. S. Muthuselvan	Lakshminarayanan R	Managing academic events involves coordination among students, faculty members, and administrators. A centralized platform integrates event scheduling, participant registration, resource allocation, and notifications to simplify event planning, minimize scheduling conflicts, and improve communication and administrative efficiency.	
			Monish Kanna K		
			Rooban S		

5	HopeConnect: AI Powered Platform for Supporting Children in Proverty	Mrs. Nandhini A	Yuvan shankar B	Access to education, healthcare, and essential resources remains a challenge for underprivileged children. HopeConnect uses artificial intelligence to identify their needs, connect them with available support services, and facilitate resource distribution, helping improve access to educational and social opportunities.	
			Gowtham B		
			Praveen Kumar J		
6	AI- Powered Diagnostic System for Early Detection of PCOS and PCOD Using Distinct Clinical Inputs	Mr. R. Rajasekaran	Mohamed Afiya	Polycystic Ovary Syndrome and Polycystic Ovarian Disease require timely clinical evaluation and appropriate care. Machine learning techniques analyse relevant clinical parameters to identify potential health risks, support preliminary screening, and encourage early medical consultation.	
			Manoj V		
7	AI Powered Financial Analysis Platform	Ms. M. Beema Mehraj	Jai Akash	Financial data analysis helps individuals understand their spending habits and manage their finances effectively. Artificial intelligence techniques are used to analyse income, expenses, and transaction patterns, generate financial insights, and provide personalized recommendations	
			Jery Kristen		
			Karthick M		
8	Real-Time Queue Management and patient flow for hospitals	Mr. C.Anand	Veeramani S	Long waiting times and inefficient patient flow can affect hospital operations and patient satisfaction. A real-time queue management system facilitates patient registration, monitors waiting queues, and organizes appointments to improve resource utilization and streamline hospital services.	
			Sahin V		
			Siddharthan R		

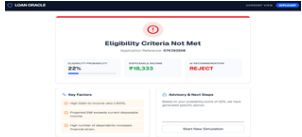
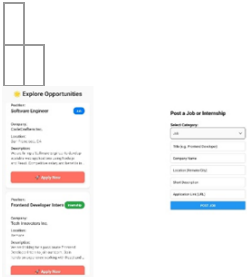
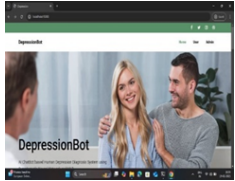
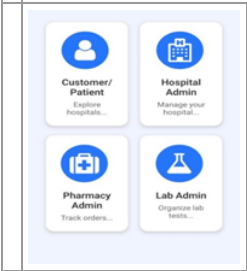
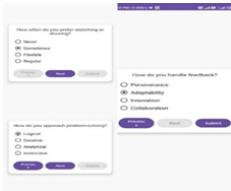
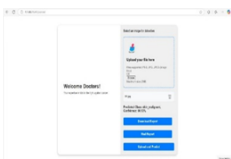
9	Smart Navigation for Visually Impaired	Ms.P.Suwathi	Poorvika S	Navigating unfamiliar environments presents significant challenges for visually impaired individuals. Computer vision, obstacle detection, and voice guidance technologies are integrated to identify surrounding objects, provide navigation instructions, and assist users in moving safely and independently.	
			Poornima S		
			Uma G		
10	CAREPULSE : Keeping Track of Life-Saving Resources	Ms. P.Mohaideen Fathima	Swetha B	Timely access to essential medical resources is crucial during emergencies. CAREPULSE provides a centralized platform for monitoring the availability of blood, medicines, and emergency equipment, enabling efficient resource tracking, timely allocation, and improved coordination among healthcare providers.	
			Devi V		
			Dharshini B		

Table No. 7.5.3: List of the projects carried out in the lab CAYm1 2024-2025

S. No	Project Title	Supervisor	Student Name	Description	Project image
1.	Enhancing Collaborative Problem Solution For Developer Forums	Mr.Narendran M	Rathiesh R	Developer Forums Provide A Platform For Programmers To Share Knowledge And Resolve Technical Challenges. This System Aims To Improve Collaboration Through Intelligent Discussion Management, Relevant Solution Recommendations, And Knowledge Sharing, Helping Developers Find Answers And Solve Problems Efficiently.	
			Kishore L		
2.	Personalized Mental Health Chatbot With Emotion-Adaptive Responses	Ms. R Adline Freeda	Essakiraja R	Mental Health Support Requires Personalized Interaction And Sensitivity To Users Emotions. This Chatbot Uses Natural Language Processing And Emotion Detection To Understand User Responses And Provide Adaptive Conversations, Emotional Support, And Appropriate Recommendations For Professional Assistance.	
			Dinesh Kumar K		
			Sarathy		

3.	Comprehensive Mobile Solution For Personalized Healthcare Services Using Enhanced Ai	Ms. Anju A	Mohammed Kareem S Manikandan B Selvaraj K	Access To Personalized Healthcare Services Can Be Improved Through Intelligent Mobile Applications. This Solution Integrates Artificial Intelligence For Health Data Analysis, Symptom Assessment, Personalized Healthcare Recommendations	
4.	Fit Buddy : Your Ai Personal Trainer And Wellness Guide	Dr. S. Muthuselvam	Harini B Nithyasree V Tharshika R	Maintaining Fitness Requires Consistent Exercise, Proper Nutrition, And Regular Progress Monitoring. Fit Buddy Uses Artificial Intelligence To Provide Personalized Workout Plans, Dietary Suggestions, Fitness Tracking, And Wellness Recommendations Based On Individual Goals And Physical Activity.	
5.	An Effective Students Application For Their Career Guidance Using Ai Technology	Dr.Babymol Kurian	Ranjith K Raju C Swapnil Kumar Singh	Choosing A Suitable Career Requires Awareness Of Individual Interests, Skills, And Employment Opportunities. This Application Uses Artificial Intelligence To Analyse Students Academic Profiles, Identify Suitable Career Paths, Recommend Skill Development Courses, And Provide Personalized Career Guidance.	
6.	Enhanced Crime Hotspot Prediction And Visualization For Womens Safety Through Deep Learning	Dr. BABYMOL KURIAN	MOHAMED YOUSUF RAGUNATH S SARAVANA KUMAR V	Safety Locator Is A Predictive System That Maps Crime Hotspots Where Women Are Athigher Risk, Using A Deep Explainable Decision Tree Model To Analyze Historical Crimedata And Visualize Results On Google Maps. It Processes Factors Like Crime Type, Frequency, Time, And Location Through Stepsincluding Data Preprocessing, Feature Selection, Training, Evaluation, Andhyperparameter Tuning. The Model Is Evaluated Using Accuracy, Precision, Recall, And F1-Score, Helping Lawenforcement Prevent Crime And Promote Safer Environments For Women.	
7.	Unified Web App Prescreening Tool For Breast, Lung, And Skin Cancer Prediction Using Convolutional Neural Networks	Dr. S. Muthuselvam	Divya Prakash Sadhana Devi.S Chidambaram Kannan	Early Cancer Screening Can Support Timely Medical Evaluation And Treatment. This Web Application Uses Convolutional Neural Networks To Analyse Medical Images Associated With Breast, Lung, And Skin Cancer, Providing Preliminary Predictions To Assist Screening And Encourage Professional Consultation	

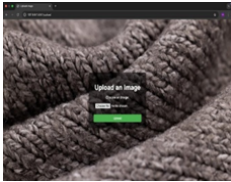
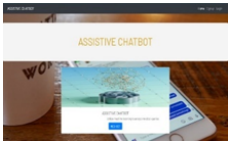
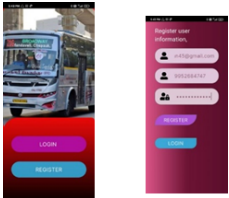
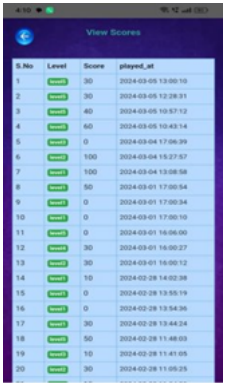
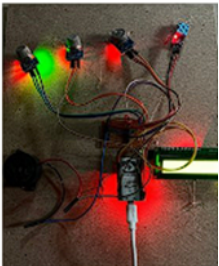
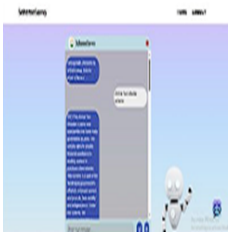
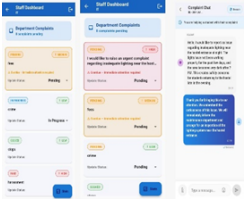
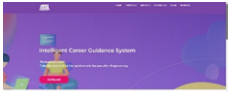
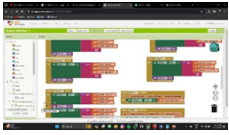
8.	Defectdetect: Ai-Powered Fabric Defect Detection For Quality Assurance	Mr.M.Narendran	Mohamed Irfan.N Manikandan.K Harish.A	DEFECTDETECT Is An Ai-Powered Fabric Defect Detection System Built Usingvision Transformer (Vit). Automates Textile Inspection With High Accuracy, Real-Time Detection, Andconsistency. Self-Attention Mechanisms Enable Detection Of Holes, Stains, And Misweaves Even Incomplex Fabrics. Scalable And Deployable Framework Supports Smart Manufacturing (Industry 4.0)With Real-Time Feedback.Improves Quality Control, Reduces Operational Costs, And Boosts Customer Satisfaction.	
9.	Travel Sphere: Smart Travel Planning , Booking And Budget Management	Ms. Krithikaa Venket	Korsipati Vinuthna Korsipati Rohini Anagha P	Planning A Trip Involves Coordinating Destinations, Transportation, Accommodation, And Expenses. Travel Sphere Integrates Travel Planning, Booking Management, Itinerary Generation, And Budget Tracking Into A Unified Platform, Helping Users Organize Their Journeys And Manage Travel Expenses Efficiently.	
10.	Ai-Driven Health Assistant For Disease Prediction And Management	Ms. M. Beema Mehraj	Madhankumar S Sathish K Srisai S	Managing Health Conditions Requires Continuous Monitoring And Timely Access To Relevant Medical Information. This Ai-Driven Assistant Analyses User-Provided Health Data, Predicts Potential Disease Risks, Provides Personalized Health Recommendations, And Supports Users In Monitoring Their Health Conditions.	

Table No. 7.5.4: List of the projects carried out in the lab CAYm1 2023-2024

S. No.	Project Title	Supervisor	Student Name	Description	Project image

1.	Healthbot Analytics: Optimizing Healthcare Efficiency Through Intelligent Integration	Mr.M.Narendran	Annoosh.R	Develop A Sophisticated Medical Healthcare Chatbot Offering Symptom Analysis And Medication Information And It Accommodates User Preferences By Accepting Input Via Both Text And Voice, Ensuring Accessibility For All Users.	
			Hari.S		
			Tharun Kumar.M		
			Vishnuprakash M		
2.	Automated Crowd Management For Publictransport(Mtc Bus) Through Ir Sensor Integratedwith Online Ticketing By Mobile Application	Ms. Krithikaa Venket V S	Jayasuriya J	This Project Provides Features Such As Eta(Estimated Time Of Arrival),E-Ticketingsystem, Crowd Detection Through Irsensor,Allocate Respective Bus Route Number For Their Selected Destination Through The Mobile Application.	
			Pradeep Narayanan V		
			Prasanth D		
3.	Comprehensive Fitness Management System	Ms. A. Sathya	Vignesh A	The Collaboration Between User-Specific Data And A Structured Dataset Allows The Model To Combine Personalized Information With General Knowledge, Enabling It To Provide Precise And Tailored Results That Consider Individual Variations While Leveraging Broader Patterns And Trends Present In The Data.	
			Akash M		
			Gokula Krishana S		
4.	Cognitive Rehabilitation – Game Therapy	Dr.Babymol Kurian	Divyabharathi.L	This Project Aims To Develop An Innovative And Engaging Gamified Solution To Assist Individuals Recovering From Cognitive Impairments. Creating A Gamified Therapy To Express Social Cognitive Elements Through Mechanism Of One Or More Intelligences In A Way That Facilitates The Enjoyment Process.	
			Kavithanjali.T		
			Vinothini.S		
5.	Poultry Amguard	Mrs. Anju A	Mohammed Farhan Ali	Deployment And Monitoring: Install The System Strategically Across The Poultry Farm. Implement A Monitoringprotocol To Ensure Continuous Performance Evaluation, Including Humidity Andtemperature Monitoring.	
			Sanjay Kumar		
			Enosh Joel Daniel		
6.	Schemesavvy: Simplifying Government Assistance Navigation With Intelligent Chatbot Technology	Ms.Adline Freeda R	Rakesh Kumar M-	The Project Aims To Create A Smart Chatbot That Helps People Easily Access Information About Government Schemes, Including Whos Eligible And How To Apply.Users Can Chat With The Bot, As It Is Leveraged With Machine Learning Algorithm To Classify Schemes They Require.	
			Shyam Sundar R		

7.	Vibe:A Data-Driven Approach To Career Guidance And Skill Development	Mrs. A. Sathya	Janani K S	Accurate Traffic Sign Recognition Is Essential For Intelligent Transportation And Road Safety Applications. Deep Learning Techniques Are Used To Detect And Classify Traffic Signs From Images And Video, Supporting Automated Road Sign Identification And Driver Assistance Systems.	
			Gokulprasath E		
			Preethi K		
8.	Nas Using Raspberry Pi	Dr.Babymol Kurian	Basker S P	Personalized Career Recommendations Courses/Skillcustomization, Resume Analysis Using Nlp,Job Recommendations Friendly Experience	
			Nirudeeshwar		
			Yuvaraj S K		
9.	Survivorscan: Identifying Warmblooded Animals In Crisis Zones	Dr. S. Muthuselvan	Harinisree S	This Project Provides Features Such As Detection Of Movements Of Human Being, Obstacles Using Sensors.The System Integrates Techniques Such As Passive Infrared Sensors Which Detects Movement Of People With The Help Of Changes In The Infrared (Heat) Levels Emitted By Surrounding Objects.	
			Sahana R		
			Mohanapriya		
10.	Emotrack: An Ai-Powered Social Media Sentimental Analysis	Ms. Adline Freeda R	Mohammed Fazil Rahman N	This Project Focuses On Crafting An Ai-Powered Sentiment Analysis Solutionspecialized For Social Media. Leveraging Advanced Neural NetworkArchitectureslike Rnns, Cnns, And Transformers, It Discerns Emotions And Sentiments In Socialmedia Content With Precision.	
			Mubasheer Ahamed M -		

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)	810	40	29	71	94
2024-25(CAYm1)	870	44	32	57	84
2025-26(CAY)	1020	51	39	68	88

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 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Infrastructure Built-Up	50000000	47971351	36000000	35925689	56000000	56163123	19000000	18729613
Library	10000000	10177352	2000000	1936280	3500000	3485117	1900000	1884910
Laboratory equipment	13000000	12851507	18000000	18012060	6500000	6354644	11000000	11651630
Teaching and non-teaching staff	215000000	217659576	185000000	185594081	155000000	153350809	142500000	141416661
Outreach Programs	10000000	10660677	0	0	3000000	2911763	3400000	3375312
R&D	7000000	7233231	5000000	5094808	3500000	3438811	1450000	1459483
Training, Placement and	22500000	22213129	26000000	26118718	18000000	18583528	8000000	8014359
SDGs	1200000	1190000	1100000	1100000	900000	880000	800000	774000
Entrepreneurship	1800000	1803993	1000000	997948	800000	762000	400000	375000
Others, specify	190000000	190074891	192000000	190888840	172500000	171452268	117500000	116536563
Total	520500000	521835707	466100000	465668424	419700000	417382063	305950000	304217531

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 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	2080000	1975650	1950000	1847000	1650000	1548560	1300000	1265000
Software	275000	275000	270000	267802	240000	227460	200000	197460
SDGs	85000	76550	80000	72255	75000	66325	70000	62155
Support for faculty	300000	270089	225000	223624	210000	203550	180000	169450
R & D	350000	325500	320000	293500	300000	285000	270000	255500
Industrial Training, Industry	950000	903325	935000	902650	750000	701125	600000	524550
Miscellaneous Expenses*	100000	95134	95000	91205	80000	75650	75000	73365
Total	4140000	3921248	3875000	3698036	3305000	3107670	2695000	2547480