

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Computer Science and Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 1
Application No : 11661	Date of Submission : 18-03-2026

PART A- Profile of the Institute

A1.Name of the Institute : KIT-KALAINAR KARUNANIDHI INSTITUTE OF TECHNOLOGY	
Year of Establishment : 2008	Location of the Institute: COIMBATORE
A2. Institute Address :KALAINAR KARUNANIDHI INSTITUTE OF TECHNOLOGY, KANNAMPALAYAM(POST), COIMBATORE – 641 402, TAMILNADU, INDIA.	
City:Coimbatore	State:Tamil Nadu
Pin Code:641402	Website:www.kitcbe.com
Email:kitcbe@gmail.com	Phone No(with STD Code):0422-2367890
A3. Name and Address of the Affiliating University (if any) :	
Name of the University : ANNA UNIVERSITY CHENNAI	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: **14**
- 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	2011	--	Computer Application
2	Engineering & Technology	UG	Aeronautical Engineering	2009	--	Aeronautical Engineering
3	Engineering & Technology	UG	Agricultural Engineering	2017	2025	Agricultural Engineering
4	Engineering & Technology	PG	Applied Electronics	2013	--	Electronics and Communication Engineering
5	Engineering & Technology	UG	Artificial Intelligence and Data Science	2021	--	Artificial Intelligence and Data Science
6	Engineering & Technology	UG	Biomedical Engineering	2017	--	Biomedical Engineering
7	Engineering & Technology	UG	Biotechnology	2017	--	Biotechnology
8	Engineering & Technology	UG	Computer Science and Business System	2021	--	Computer Science and Business System
9	Engineering & Technology	UG	Computer Science and Engineering	2008	--	Computer Science and Engineering

10	Engineering & Technology	PG	Computer Science and Engineering	2012	--	Computer Science and Engineering
11	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2023	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
12	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2025	--	Computer Science and Engineering
13	Engineering & Technology	UG	Electrical and Electronics Engineering	2008	--	Electrical and Electronics Engineering
14	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2008	--	Electronics and Communication Engineering
15	Engineering & Technology	UG	Electronics Engineering (VLSI Design and Technology)	2024	--	Electronics and Communication Engineering
16	Engineering & Technology	PG	Engineering Design	2014	--	Mechanical Engineering
17	Engineering & Technology	UG	Information Technology	2008	2013	Information Technology
18	Engineering & Technology	UG	Mechanical Engineering	2009	--	Mechanical Engineering
19	Engineering & Technology	PG	Power Systems Engineering	2013	--	Electrical and Electronics Engineering
20	Engineering & Technology	PG	VLSI Design	2012	--	Electronics and Communication Engineering
21	Management	PG	Master of Business Administration	2009	--	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
Electrical and Electronics Engineering	No	Electrical and Electronics Engineering	UG
Electronics and Communication Engineering	Yes	ELECTRONICS AND COMMUNICATION ENGINEERING	UG
Computer Science and Engineering	Yes	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)

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

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	Computer Science and Engineering	UG	2008 / --	60	Yes	2024	180	2024	F.No. Southern/1-43663177719/2024/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	3	4

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	Sanctioned Intake
2025-26	180
2024-25	180
2023-24	60
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	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED
1	Computer Science and Business System	Computer Science and Business System	UG	2021 / --	60	No	NA	60	2021	F.No. Southern/1-9318239655/2021/EOA	Not eligible for accreditation	--	--	0
2	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG	2023 / --	60	No	NA	60	2023	F. No. Southern/1-36230735149/2023/EOA	Not eligible for accreditation	--	--	0

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	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITE
3	Computer Science and Engineering	Computer Science and Engineering (Cyber Security)	UG	2025 / --	60	No	NA	60	2025	F. NO. Southern/1-44643254604/2025/EOA	Not eligible for accreditation	--	--	0
4	Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG	2021 / --	60	Yes	2024	180	2024	F.No. Southern/1-43663177719/2024/EOA	Not eligible for accreditation	--	--	0

Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science	
Academic Year	Sanctioned Intake
2025-26	180
2024-25	180
2023-24	60
2022-23	60
2021-22	60
2020-21	0

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

A. Name of the HoD :	Dr.S.Raja Mohamed
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)	180	180	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	186	183	63	61	62	61	60
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	17	6	6	6	7	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.	186	200	69	67	68	68	65

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)	180	186	0	103.33
2024-25 (CAYm1)	180	183	0	101.67
2023-24 (CAYm2)	60	63	0	105.00

Average $[(ER1 + ER2 + ER3) / 3] = 103.33 \approx 100$

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).	68.00	68.00	65.00
B=No. of students who graduated from the program in the stipulated course duration	66.00	65.00	64.00
Success Rate (SR)= (B/A) * 100	97.06	95.59	98.46

Average SR of three batches $((SR_1 + SR_2 + SR_3)/3)$: 97.04

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)	7.85	7.69	8.24
Y=Total no. of successful students	183.00	63.00	63.00
Z=Total no. of students appeared in the examination	183.00	63.00	63.00
API $[X*(Y/Z)]$	7.85	7.69	8.24

Average API $[(AP1+AP2+AP3)/3]$: 7.93

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)	7.78	8.15	8.01
Y=Total no. of successful students	69.00	67.00	68.00
Z=Total no. of students appeared in the examination	69.00	69.00	68.00

API [X * (Y/Z)]	7.78	7.91	8.00
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Average API [(AP1 + AP2 + AP3)/3] : 7.90

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)	8.08	8.05	8.77
Y=Total no. of successful students	67.00	68.00	68.00
Z=Total no. of students appeared in the examination	67.00	68.00	68.00
API [X*(Y/Z)]:	8.08	8.05	8.77

Average API [(AP1 + AP2 + AP3)/3] : 8.30

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	68.00	68.00	65.00
X=No. of students placed	58.00	53.00	50.00
Y=No. of students admitted to higher studies	4.00	10.00	14.00
Z= No. of students taking up entrepreneurship	0.00	1.00	0.00
Placement Index(P) = ((X + Y + Z)/FS) * 100):	91.18	94.12	98.46

Average Placement Index = (P_1 + P_2 + P_3)/3: 94.59 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)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr.K.Deeba	XXXXXXXX28K	M.E. and Ph.D.	Anna University	Computer Science and Engineering	18/06/2018	7.9	Professor	Professor		Regular	Yes		No
2	Dr.S.Santhi	XXXXXXXX62K	Ph.D	Anna University	Computer Science and Engineering	01/07/2016	9.8	Professor	Professor		Regular	Yes		No

3	Dr.S.Raja Mohamed	XXXXXXX49A	Ph.D	Anna University	Computer Science and Engineering	11/06/2012	13.9	Assistant Professor	Associate Professor	01/11/2021	Regular	Yes		Yes
4	Dr.C.Suresh	XXXXXXX09C	Ph.D	Anna University	Computer Science and Engineering	25/07/2022	3.7	Assistant Professor	Associate Professor	24/09/2024	Regular	Yes		No
5	Dr.S.Pandiarajan	XXXXXXX54D	Ph.D	Bharath Institute of Higher Education and Research	Computer Science and Engineering	12/07/2011	14.8	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Dr. J.Senthil kumar	XXXXXXX13Q	Ph.D	Anna University	Computer Science and Engineering	04/08/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Ms.S.Deepa	XXXXXXX86L	M.E.	Anna University	Computer Science and Engineering	15/06/2012	13.9	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Ms.M.Jayanthi	XXXXXXX71A	M.E.	Anna University	Software Engineering	01/06/2011	14.9	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Ms.A.Anu Priya	XXXXXXX32Q	M.E.	Anna University	Computer Science and Engineering	01/07/2016	9.8	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Ms.R.Renuga devi	XXXXXXX28J	M.E.	Karpagam University	Computer Science and Engineering	08/04/2021	4.11	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Ms.R.Sumathy	XXXXXXX11F	M.E.	Anna university	Computer Science and Engineering	02/11/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Ms.R.Sasikala	XXXXXXX32R	M.E.	Anna University	Computer Science and Engineering	01/03/2022	4	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Ms.M.Revathy	XXXXXXX12M	M.Tech	MS University	Computer and Information Technology	02/01/2023	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mr.V.M.Prabhakaran	XXXXXXX50D	M.E.	Anna University	Computer Science and Engineering	30/06/2015	10.8	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Ms.A.Yuvarani	XXXXXXX04E	M.E.	Anna University	Computer Science and Engineering	18/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Ms.S.Gokilapriya	XXXXXXX54D	M.E.	Anna University	Computer Science and Engineering	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No

17	Mr.K.Vijayarajasekaran	XXXXXXXX88M	M.E.	Annamalai University	Computer Science and Engineering	05/05/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mr.S.Selvin Rajesh Kumar	XXXXXXXX64J	M.E.	Anna University	Computer Science and Engineering	01/07/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mr.M.S.Ranjith	XXXXXXXX74R	M.E.	Anna University	Computer Science and Engineering	25/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mr.K.Rajaram	XXXXXXXX21K	M.E.	Anna University	Computer Science and Engineering	02/07/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Ms.T.Amsaveni	XXXXXXXX16G	M.E.	Anna University	Computer Science and Engineering	01/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No

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	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. K. Mahalakshmi	XXXXXXXX27N	NA	Ph.D	Anna University	Computer Science and Engineering	03/06/2020	5.9	Professor	Professor		Regular	Yes		Yes
2	Dr.K.Krishneswari	XXXXXXXX08J	NA	Ph.D	Anna University	Computer Science and Engineering	01/07/2024	1.8	Professor	Professor		Regular	Yes		No
3	Mr.P.Mathivanan	XXXXXXXX86K	NA	M.Tech	Sathyabama University	Information Technology	20/02/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Ms.N.Gughapriya	XXXXXXXX58C	NA	M.E.	Anna University	Computer Science and Engineering	01/06/2011	14.9	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Mr.T.Sudarvizhi	XXXXXXXX22M	NA	M.E.	Anna University	Computer Science and Engineering	24/04/2023	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Ms.P.Malathi	XXXXXXXX86D	NA	M.E.	Anna University	Computer Science and Engineering	10/05/2024	1.10	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr.C.VigneshManikandan	XXXXXXXX62Q	NA	M.E.	Anna University	Computer Science and Engineering	28/06/2021	3.7	Assistant Professor	Assistant Professor		Regular	No	10/02/2025	No

8	Ms.Pavithra	XXXXXXXX08J	NA	M.E.	Anna University	Computer Science and Engineering	06/03/2023	2.3	Assistant Professor	Assistant Professor		Regular	No	13/06/2025	No
9	Mr. P. Tamilarasu	XXXXXXXX05H	NA	M.Tech	Anna University	Information Technology	22/08/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Dr. A. Priya	XXXXXXXX13P	NA	Ph.D	Gadhigram Rural University	Computer Science and Engineering	09/06/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mr.V.Surya	XXXXXXXX74P	NA	M.E.	Anna University	Computer Science and Engineering	04/06/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Ms. S. Sithikaseema	XXXXXXXX62Q	NA	M.E.	Anna University	Computer Science and Engineering	10/06/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Ms.U.Priya	XXXXXXXX61L	NA	M.E.	Anna University	Computer Science and Engineering	01/09/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mr.T.Sureshkumar	XXXXXXXX51G	NA	M.E.	Anna University	Computer Science and Engineering	03/03/2025	1	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Dr.V.Jackins	XXXXXXXX94R	NA	Ph.D	Anna University	Computer and Communication Engineering	07/11/2025	0.4	Associate Professor	Associate Professor		Regular	Yes		No
16	Ms.R.Thabathi	XXXXXXXX22E	NA	M.E.	Anna University	Computer Science and Engineering	27/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Dr.R.Lakshmana Kumar	XXXXXXXX60J	NA	Ph.D	Anna University	Computer Science and Engineering	26/12/2025	0.2	Associate Professor	Associate Professor		Regular	Yes		No
18	Mrs.B.Banupriya	XXXXXXXX12E	NA	M.E.	Anna University	Computer Science and Engineering	22/07/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ms. M. Jamunarani	XXXXXXXX76P	NA	M.E.	Anna University	Computer Science and Engineering	02/05/2022	3.10	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mrs.J.Yamini	XXXXXXXX37L	NA	M.E.	Anna University	Computer Science and Engineering	01/02/2024	1.4	Assistant Professor	Assistant Professor		Regular	No	13/06/2025	No
21	Mrs.C.Saranya	XXXXXXXX89C	NA	M.E.	Anna University	Computer Science and Engineering	07/06/2023	2	Assistant Professor	Assistant Professor		Regular	No	13/06/2025	No
22	Ms.M.Jannet Emimal	XXXXXXXX87M	NA	M.E.	Anna University	Computer Science and Engineering	04/06/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No

23	Ms.J.Anuja Beula	XXXXXXX48A	NA	M.E.	Anna University	Computer Science and Engineering	04/06/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mr. Deepan S	XXXXXXX46R	NA	M.E.	Anna University	Computer Science and Engineering	04/06/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mrs.S.Savitha	XXXXXXX54L	NA	M.E.	Anna University	Computer Science and Engineering	01/09/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mrs.A.Varalakshmi	XXXXXXX86C	NA	M.E.	Anna University	Computer Science and Engineering	16/06/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Dr.S. Vimal	XXXXXXX10C	NA	Ph.D	Anna University	Computer Science and Engineering	02/07/2025	0.8	Professor	Professor	02/07/2025	Regular	Yes		No
28	Dr S Dhanabal	XXXXXXX96Q	NA	Ph.D	Anna University	Computer Science and Engineering	26/05/2025	0.9	Professor	Professor		Regular	Yes		No
29	Dr.C.Deepa	XXXXXXX51M	NA	Ph.D	SATHYABAMA UNIVERSITY	Computer Science and Engineering	20/04/2018	7.4	Assistant Professor	Professor		Regular	No	30/08/2025	No
30	Dr.S.Vijayalakshmi	XXXXXXX21R	NA	Ph.D	Anna University	Computer Science and Engineering	27/11/2024	1.3	Professor	Professor		Regular	Yes		No
31	Dr.R P Narmadha	XXXXXXX71E	NA	Ph.D	Anna University	Information Technology	15/12/2023	2.3	Associate Professor	Associate Professor		Regular	Yes		No
32	Dr P.Punitha	XXXXXXX78P	NA	Ph.D	Anna University	Computer Science and Engineering	26/12/2025	0.2	Associate Professor	Associate Professor		Regular	Yes		No
33	Dr.S.Thenmozhi	XXXXXXX83Q	NA	Ph.D	Anna University	Computer Science and Engineering	01/10/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Dr.M. Asha Paul	XXXXXXX42R	NA	Ph.D	MS University	Computer Science and Engineering	07/11/2025	0.4	Associate Professor	Associate Professor		Regular	Yes		No
35	Dr.G.Elizabeth Rani	XXXXXXX24D	NA	Ph.D	KALASALINGAM UNIVERSITY	Computer Science and Engineering	10/07/2023	2.5	Assistant Professor	Assistant Professor		Regular	No	19/12/2025	No
36	Mr. K. Sathya Seelan	XXXXXXX43R	NA	M.E.	Karpagam University	Computer Science and Engineering	12/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mr.J.Senthil	XXXXXXX64E	NA	M.E.	Anna University	Computer Science and Engineering	09/06/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No

38	Mrs.K.Saranya	XXXXXXX69G	NA	M.E.	Anna University	Computer Science and Engineering	04/08/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Mr.P.Saravanan	XXXXXXX87L	NA	M.E.	Manonmaniam Sundaranar University	Computer Science and Engineering	20/01/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
40	Mrs.V Prema	XXXXXXX87K	NA	M.E.	KARPAGAM UNIVERSITY	Computer Science and Engineering	15/12/2023	2.3	Assistant Professor	Assistant Professor		Regular	Yes		No
41	Mrs.D Diana julie	XXXXXXX06E	NA	M.E.	Anna University	Computer Science and Engineering	03/03/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
42	Mrs.K.Aarthi	XXXXXXX85P	NA	M.E.	Anna University	Computer Science and Engineering	18/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
43	Mrs.B Padmapriya	XXXXXXX75J	NA	M.E.	Anna University	Computer Science and Engineering	14/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
44	Ms.R Kavitha	XXXXXXX20J	NA	M.Tech	Anna University	Information Technology	15/12/2023	2.3	Assistant Professor	Assistant Professor		Regular	Yes		No
45	Ms.R.Rajshree	XXXXXXX37Q	NA	M.E.	Anna University	Computer Science and Engineering	28/05/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
46	Dr.M.Markco	XXXXXXX97K	NA	M.E.	Anna University	Network Engineering	02/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
47	Ms.P.Swetha	XXXXXXX61P	NA	M.E.	Anna University	Computer Science and Engineering	01/07/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
48	Ms A Mubina	XXXXXXX40P	NA	M.E.	Anna University	Computer Science and Engineering	02/01/2026	0.2	Assistant Professor	Assistant Professor		Regular	Yes		No

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	196	66	66
UG1.C	66	65	66
UG1.D	65	66	65
UG1: Computer Science and Engineering	327	197	197
UG2.B	191	64	66
UG2.C	64	66	66
UG2.D	66	66	0
UG2: Artificial Intelligence and Data Science	321	196	132
UG3.B	0	0	0
UG3.C	0	0	0
UG3.D	0	0	0
UG3: Computer Science and Engineering (Cyber Security)	0	0	0
UG4.B	63	65	0
UG4.C	64	0	0
UG4.D	0	0	0
UG4: Computer Science and Engineering (Artificial Intelligence & Machine Learning)	127	65	0
UG5.B	64	63	66
UG5.C	61	66	65
UG5.D	66	65	0
UG5: Computer Science and Business System	191	194	131
PG1.A	18	18	18
PG1.B	18	18	18
PG1: Computer Science and Engineering	36	36	36
DS=Total no. of students in all UG and PG programs in the Department	363	233	233
AS=Total no. of students of all UG and PG programs in allied departments	639	455	263
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1002	S2= 688	S3= 496
DF=Total no. of faculty members in the Department	21	17	16
AF= Total no. of faculty members in the allied Departments	35	22	14
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 56	F2= 39	F3= 30
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 17.89	SFR2= 17.64	SFR3= 16.53
Average SFR for 3 years	SFR= 17.35		

C3. Faculty Qualification

- Faculty qualification index (FQ) = $2.5 * [(10X + 4Y)/RF]$ 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 = $2.5 * [(10X + 4Y) / RF]$
2025-26(CAY)	14	42	50.00	15.40
2024-25(CAYm1)	10	29	34.00	15.88
2023-24(CAYm2)	7	23	24.00	16.88

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents.}$
- RF2= No. of Associate Professors required = $2/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents.}$
- RF3= No. of Assistant Professors required = $6/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents.}$
- 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	5.00	7.00	11.00	3.00	33.00	46.00
2024-25	3.00	5.00	7.00	2.00	22.00	32.00
2023-24	2.00	4.00	5.00	1.00	16.00	25.00
Average	RF1=3.33	AF1=5.33	RF2=7.67	AF2=2.00	RF2=23.67	AF2=34.33

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	Saranya M	Senior Associate	Cognizant Technology Solutions	Software Quality Assurance	10.00
2	Saranya M	Senior Associate	Cognizant Technology Solutions	Software Engineering	10.00
3	Saranya M	Senior Associate	Cognizant Technology Solutions	Computer Networks	12.00
4	Saranya M	Senior Associate	Cognizant Technology Solutions	Software Project Management	10.00
5	Saranya M	Senior Associate	Cognizant Technology Solutions	Software Testing	10.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Saranya M	Senior Associate	Cognizant Technology Solutions	Software Engineering	16.00
2	Saranya M	Senior Associate	Cognizant Technology Solutions	Software Quality Assurance	18.00
3	Saranya M	Senior Associate	Cognizant Technology Solutions	Software Project Management	10.00
4	Saranya M	Senior Associate	Cognizant Technology Solutions	Software Testing	10.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Sundaram Ramanathan	Project Manager	Wipro	Object Oriented Programming	21.00
2	Sundaram Ramanathan	Project Manager	Wipro	Web Technology	11.00
3	Sundaram Ramanathan	Project Manager	Wipro	Database Management Systems	24.00
4	Sundaram Ramanathan	Project Manager	Wipro	Cloud Computing	11.00

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	10	20	26
2	No. of peer reviewed conference papers published	15	16	5
3	No. of books/book chapters published	1	1	2

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.C.Suresh	Keerthana R	CSE	AI-Driven OCR Solution for Digitizing and Preserving Handwritten historical Documents in regional Languages	Niral Thiruvizha	2024-2025	10000.00
Dr.J.Senthil Kumar	Gobika V	CSE	AIOT-Driven Smart Irrigation Solution for Revolutionizing Sustainable	Niral Thiruvizha	2024-2025	10000.00
Ms.R.Sumathy	Fouzal Hihaya	CSE	Real Time adaptive traffic management system	Dr.Vidhya Incubation Centre	2024-2025	10000.00
Dr.S.Santhi	Dr K Krishnaeswari	CSE	FDP-Harnessing Deep Learning in Business Analytics- Transform Data to Decision	AICTE-ATAL	2024-2025	100000.00
						Amount received (Rs.):130000.00

(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.Yuvarani	Jeevikamathi M	CSE	Prediction of underwater Using Embedded System and machine	TNSCST	2023-2024	7500.00
Dr.J.Senthil Kumar	Sham Kumar S	CSE	Cellular Signal Suppression during driving using IoT based Jamming	TNSCST	2023-2024	7500.00
Ms.R.Sumathy	Dharineesh S	CSE	Alcohol Consumption detector with engine locking system	Dr.Vidhya Incubation Centre	2023-2024	10000.00
Ms.R.Renugadevi	Madhumitha R	CSE	3D printed prosthetic ARM	Dr.Vidhya Incubation Centre	2023-2024	10000.00
Dr.S.Santhi	-	CSE	IIC Mentor -Mentee Program 2023	IIC	2023-2024	230000.00
						Amount received (Rs.):265000.00

(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
Ms.M.Jayanthi	M.S.Ranjith	CSE	A non instructive approach for detection of drivers drowsiness and alcohol influence using IoT	TNSCST	2022-2023	5900.00
						Amount received (Rs.):5900.00

Total Amount (Lacs) Received for the Past 3 Years: 400900.00

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
Dr.J.Senthilkumar	Ms S Gokilapriya	CSE	AI –driven connecting patients and professional for better outcomes.	LYFNGO Technologies PVT Ltd	2024-2025	908000.00
Ms M Jayanthi	Ms R Sumathy	CSE	ERP and Institute automation portal	SRI Portal	2024-2025	580000.00
						Amount received (Rs.):1488000.00

(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
Dr.C.Suresh	Ms.R.Renugadevi	CSE	Web portal	Laks Textiles	2023-2024	380000.00
						Amount received (Rs.):380000.00

(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
Ms.S.Deepa	Ms. R.Sumathy , Ms.M.Revathy	CSE	Minor Implementation, Content overlay and Bug fixing	LEARN LOGICIFY	2022-2023	448950.00
Ms.A.Yuvarani	Ms. C. Nithiya	CSE	Website and logistic Control System	VIJAYA MINERALS	2022-2023	142250.00
						Amount received (Rs.):591200.00

Total amount (Lacs) received for the past 3 years: 2459200.00

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.C.Suresh	Adaptive AI-Enhanced Signal Processing Framework for Optimized	2024-2025	0.01	0.02	Journal paper Published
Dr.C.Suresh	Enhancing Hydroponic Farming Using IoT Integration And Machine Learning Technques	2024-2025	0.08	0.09	Journal paper Published
Dr.S.Rajamohamed	Southern Regional Healthcare Chatbot Using AI and NLP	2024-2025	0.04	0.05	Journal paper Published
Ms.S.Deepa	Deep Analysis and Detection of Skin Disease using YOLO-NAS Algorithm	2024-2025	0.08	0.08	Journal paper Published
Ms.M.Jayanthi	An Expected Cardiovascular Disease Detection using Deep Learning Techniques	2024-2025	0.05	0.05	Journal paper Published
Ms.R.Sumathy	Real- Time Prediction of Medicinal Herb Plants using Deep Learning	2024-2025	0.08	0.09	Journal paper Published
Ms.Gokilapriya	Eye-Controlled Interactive Patient Response System Using Computer Vision	2024-2025	0.08	0.08	Journal paper Published
Dr.J.Senthilkumar	Nutrient Prediction and Charting Using AWS Athena and QuickSight	2024-2025	0.15	0.02	Journal paper Published
Dr.S.Santhi	Smart Agriculture: An AI Based Solution for Early Corn Leaf Disease	2024-2025	0.06	0.07	Journal paper Published
Ms.P.Malathi	Advancing 3d face morphing detection via synthetic data and deep neural network	2024-2025	0.04	0.04	Journal paper Published
Ms.R.Renugadevi	Mango Leaf Disease Detection using YOLOv5 – Mobile App	2024-2025	0.10	0.11	Journal paper Published
Dr.S.Santhi	Cocoscan: AI-Powered Precision Diagnostics for Coconut Leaf Disease	2024-2025	0.08	0.09	Journal paper Published
Dr.S.Pandiarajan	Intelligent Traffic Sign Detection and Speed Adjustment System for Autonomous Vehicles	2024-2025	0.05	0.06	Journal paper Published
Ms.M.Revathy	A MobileNet-Grad-Cam Framework for Visualizing and Interpreting Dermatological Image Classifications	2024-2025	0.04	0.05	Journal paper Published
			Amount received (Rs.): 0.94		

(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.C.Suresh	Analysis for heart disease prediction using deep neural Network and vgg19 convolution neural network	2023-2024	0.20	0.21	Journal paper Published
Dr.C.Suresh	Retracing-efficient IoT model for identifying the skin-related tags using automatic lumen detection	2023-2024	0.50	0.51	Journal paper Published
Dr.C.Suresh	Detection of coconut leaf diseases using enhanced deep learning	2023-2024	0.65	0.67	Journal paper Published
Dr.S.Santhi	Performance analysis of triple band miniaturized hexagonal ultra wideband antenna for wireless	2023-2024	0.52	0.54	Journal paper Published
Dr.S.Santhi	Improving Holistic Business Intelligence with Artificial Intelligence for Demand Forecasting	2023-2024	0.21	0.23	Journal paper Published
Dr.C.Suresh	Characteristics Removal of Tumefaction in Brain from Diagnosis Radiology	2023-2024	0.03	0.03	Journal paper Published
Dr.C.Suresh	Real Time Automatic Sign Language Translation Machine Learning and IoT	2023-2024	0.03	0.03	Journal paper Published
Dr. J. Senthil Kumar	Coral reef health and disease detection	2023-2024	0.08	0.09	Journal paper Published
Ms.R.Renugadevi	An Automated Helmet Detection for Bike Power Start	2023-2024	0.05	0.05	Journal paper Published
Dr.S.Pandiarajan	lot - based air quality navigation system	2023-2024	0.06	0.07	Journal paper Published
Dr.S.Santhi	Corn Leaf Disease Detection Using YoloV5	2023-2024	0.05	0.05	Journal paper Published
MS.M.Jayanthi	Extracting Framework Using Deep Learning For Cyber security	2023-2024	0.08	0.08	Journal paper Published
Dr.C.Suresh	Early Detection of Parkinson's Disease using Deep Learning	2023-2024	0.08	0.09	Journal paper Published
Dr. J. Senthil Kumar	Weather Classification and Prediction using Quantum Machine Learning	2023-2024	0.08	0.08	Journal paper Published
			Amount received (Rs.): 2.62		

(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.S.Santhi	A Deep Learning-based Approach for Tomato Plant Leaf Disease Detection and Classification	2022-2023	0.11	0.12	Journal paper Published
Dr.S.Santhi	Oral Disease Detection from Dental X-Ray Images using Densenet	2022-2023	0.10	0.12	Journal paper Published
Dr.S.Santhi	Handy Non-Invasive Blood Glucose Estimator using Arduino and NodeMCU	2022-2023	0.12	0.12	Journal paper Published
Dr.S.Santhi	Disease Prediction in Coconut Leaves using Deep Learning	2022-2023	0.10	0.10	Journal paper Published
Dr.C.Suresh	Characteristics Removal of Tumefaction in Brain from Diagnosis	2022-2023	0.12	0.13	Journal paper Published
Ms.R.Sumathy	Custom Convolution neural network method based Alzheimer's disease classification	2022-2023	0.95	0.99	Journal paper Published
Mr.S. Pandiarajan	Authentication for door lock system through bio scanning ear image processing system	2022-2023	0.11	0.12	Journal paper Published
Dr.S.Raja Mohamed	LIFELINE – A Unified Solution for Healthcare Donation	2022-2023	0.11	0.11	Journal paper Published
Dr.S.Raja Mohamed	Fall Detection & Daily Living Activity Recognition using CNN	2022-2023	0.10	0.11	Journal paper Published
Dr.S.Santhi	Design of Quadruple Band Toyota Logo Shaped Monopole Micro-Strip Antenna	2022-2023	0.11	0.12	Journal paper Published
Dr.S.Santhi	Disease Identification Using Deep Learning Techniques	2022-2023	0.10	0.11	Journal paper Published
Dr.S.Santhi	Cryptocurrency price prediction using LSTM and recurrent neural networks	2022-2023	0.11	0.12	Journal paper Published
Ms.R Renugadevi	Ladies Finger Leaf Disease Detection using CNN	2022-2023	0.10	0.11	Journal paper Published
Dr.S.Santhi	Design and Analysis of Low Power Energy Efficient Spinbased MCML	2022-2023	0.11	0.12	Journal paper Published
Ms.S. Deepa	Skin Cancer Detection Using Conventional Neural Network	2022-2023	0.90	0.94	Journal paper Published
Dr. C. Suresh	Real Time Automatic Sign Language Translation Machine Learning and IoT	2022-2023	0.12	0.13	Journal paper Published
Dr.J Senthil Kumar	Automated Malaria Parasite Detection for Legal Blindness	2022-2023	0.11	0.12	Journal paper Published
MS.M.Jayanthi	Detection and Decryption of Ransomware	2022-2023	0.85	0.90	Journal paper Published
			Amount received (Rs.): 4.33		

Total amount (Lacs) received for the past 3 years : 7.89

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	E310 – Open Source & Mobile Computing Laboratory	70	Total number of Systems – 70 Acer – 12 Gen Intel i7 -12700 2.10GHz Processor 1TB HDD, 256 GB SSD NVME, 16 GB RAM, Apple LED Backlit Monitor 23.8"	B23AMP501 -I	Mr.S.Sham Kumar	Lab Technician	B.E

2	E210 – Database Management Systems Laboratory	70	Total number of Systems – 70 System Configuration: ACER- i5-12400 2.50GHz, 1 T HDD, 256 SSD, 16GB RAM, 24" LED Monitor, HP- i5-10500 3.10GHz, 1 TB HDD, 256 SSD, 16GB RAM, 24" LED Monitor	B23CSI302 - C	Mr.Nivas P	Lab Technician	M.Sc
3	W309 – Fundamental Computing Laboratory	70	Total number of Systems – 70 System Configuration: Dell Optiplex 390 – Intel i3-2100 @3.10GHz, 1 TB HDD, 256 SSD, 8 GB RAM, 18.5" TFT Monitor, HP DV 2400	B23CSP501- M	Mr. B.Gnanasambandhar	Lab Technician	MCA
4	E410 A – Internet & Data Structures Laboratory	68	Total number of Systems: 68 System Configuration: HP 406 G1 MT – Intel i5 3.20 GHz Processor, 1 TB HDD, 256 SSD, 16GB RAM, 24" LED Monitor	B23CSI302 - C	Ms.K.Keerthana	Lab Technician	B.E
5	E110 – Programming Laboratory	70	Total number of Systems – 70 System Configuration: HP – Intel i5-10500 3.10GHz Processor, 1 TB HDD, 256 SSD, 16GB RAM, 24" LED Monitor	B25CSI101 – C	Mr.B.Arun Kumar	Lab Technician	B.E

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	E310 – Open Source & Mobile Computing Laboratory	<ul style="list-style-type: none"> • Proper insulation of electric power lines is ensured. • Specific safety rules for students are displayed prominently. • First aid boxes and fire extinguishers are available in the lab. • Laboratory is maintained in an organized way. • Cell phone usage is prohibited in the laboratory.
2	E410 B Project Lab	<ul style="list-style-type: none"> • Proper insulation of electric power lines is ensured. • Specific safety rules for students are displayed prominently. • First aid boxes and fire extinguishers are available in the lab. • Laboratory is maintained in an organized way. • A gateway antivirus is installed in the firewall to filter unnecessary activities. • Cell phone usage is prohibited in the laboratory.
3	E410 A – Internet & Data Structures Laboratory	<ul style="list-style-type: none"> • Proper insulation of electric power lines is ensured. • Specific safety rules for students are displayed prominently. • First aid boxes and fire extinguishers are available in the lab. • Laboratory is maintained in an organized way. • A gateway antivirus is installed in the firewall to filter unnecessary activities. • Cell phone usage is prohibited in the laboratory.
4	W309 – Fundamental Computing Laboratory	<ul style="list-style-type: none"> • Proper insulation of electric power lines is ensured. • Specific safety rules for students are displayed prominently. • First aid boxes and fire extinguishers are available in the lab. • Laboratory is maintained in an organized way. • A gateway antivirus is installed in the firewall to filter unnecessary activities. • Cell phone usage is prohibited in the laboratory.
5	E210 – Database Management Systems Laboratory	<ul style="list-style-type: none"> • Proper insulation of electric power lines is ensured. • Specific safety rules for students are displayed prominently. • First aid boxes and fire extinguishers are available in the lab. • Laboratory is maintained in an organized way. • A gateway antivirus is installed in the firewall to filter unnecessary activities. • Cell phone usage is prohibited in the laboratory.
6	E110 – Programming Laboratory	<ul style="list-style-type: none"> • Proper insulation of electric power lines is ensured. • Specific safety rules for students are displayed prominently. • First aid boxes and fire extinguishers are available in the lab. • Laboratory is maintained in an organized way. • A gateway antivirus is installed in the firewall to filter unnecessary activities. • Cell phone usage is prohibited in the laboratory.

D3. Project Laboratory/Research Laboratory

Project Lab

Projects Laboratory is used for Project work. In order to enable the students to do their mandatory final year 22 teams project, project hour and presentation hour are available in regular Time table. Students of II year and III year those who are willing to do their mini projects inside college campus have access to the Laboratories after normal working hours of college. “**Projects Laboratory**” is specifically used for Project work, Research and Centre of Excellence.

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

S.N.	Name of the Laboratory
1.	<p>E410 B – Project Lab Total No of Systems :68 Systems</p> <p>HP Pro 406 G1 MT Intel Pentium Core i5-4570 CPU @3.20 GHz Processor, 16 GB RAM DDR3, 1TB HDD, 20WD LED Monitor</p> <p>Dell Optiplex 380 Intel Pentium Dual Core CPU E5800 @3.20 Hz Processor, 8 GB RAM DDR3, 320GB HDD, 256 SSD, 18.5” TFT Monitor</p> <p>HP Pro 3090 MT Intel Pentium Core 2 Duo CPU E7500 @2.93GHz Processor, 8 GB RAM DDR3, 320GB HDD, 256 SSD, 18.5” TFT Monitor</p> <p>HP DX 2480 MT Intel Core 2 DUO CPU E7500 @2.80 GHz Processor, 4GB RAM DDR2, 256 SSD 18,5” TFT Monitor</p> <p>Windows/ Linux Operating Systems, XAMPP server, Weka tool, WAMP server, s NS2,Cisco Packet Tracer, Android Studio, MS Office, Apache Netbeans IDE, Eclipse IDE, JAVA</p>

Project Details shown below.

S.NO	REG.NO	STUDENT NAME	PHASE - I PROJECT TITLE
1	711524MCS001	AROCKIA JENISHA K	Dual-Attention Orangutan-Optimized Hybrid Deep Learning Framework for DNA Mutation-Based Genetic Disorder Prediction
2	711524MCS002	BARKAVI T	IOT-BASED PRECISION FERTILIZER SPRAYER WITH MOTORIZED CONTROL
3	711524MCS003	HARINI M M	AI-Powered Hybrid Approach to Overcome Subjectivity in Fruit Freshness Assessment
4	711524MCS004	HARSHAVARTHINI.G	Hybrid TGNN-Ensemble Model with SHAP-Based Explainability for Predicting Menopause Onset
5	711524MCS005	KAVITHRA I	Automatic Road Damage Detection System And Location Indicator To Government Portal For Immediate Maintenance
6	711524MCS006	KEERTHANA K	AI-Powered Voice-to-Sign Language Translator Using DeepSpeech and Alphabetic Gesture Visualization
7	711524MCS009	KRITHIKA A	AI DRIVEN CERVICAL PAIN DETECTION REVOLUTIONIZING HEALTHCARE

8	711524MCS010	MAHIMA M	Design and Implementation of an Interoperable IoT-Based Health Monitoring System for Diabetes
11	711524MCS012	PONMURUGAN.K	DEEP LEARNING BASED HYBRID SYSTEM FOR ACCURATE CHEST X-RAY CLASSIFICATION OF TYBERCULOSIS
10	711524MCS013	POORNIMA S	Multimodal Pneumonia Diagnosis System Using X-Ray and Clinical Data
11	711524MCS014	PRADEEP RAJA R	Multicrop Plant Disease Detection Using a Hybrid CNN–Transformer Architecture
12	711524MCS015	RAGU.E	identifying fraudulent credit card transactions using ensemble learning
13	711524MCS016	RINU RIJA A	IOT AND AI-DRIVEN ADAPTIVE TRAFFIC SIGNAL CONTROL USING DEEP REINFORCEMENT LEARNING AND GRAPH NEURAL NETWORK
14	711524MCS017	SHAM KUMAR S	A Framework for Multimodal, Dynamic, and Privacy-Preserving Misinformation Detection
15	711524MCS018	SUBATHRA S M	An IoT-Enabled Smart Irrigation Framework for Efficient Water Management

Mention facilities & Utilization Facilities

- The laboratory is equipped with sufficient hardware and licensed software to run programme specific curriculum and off-programme curriculum.
- Students can utilize the additional facilities such as NCDRC, EMC-Centre of Academic Excellence and VMware IT Academy to do their project work.
- Adequate numbers of computer systems are available to the project work with high speed internet connectivity.
- Usage of open source software is promoted.
- It is spacious enough to accommodate students and is well furnished and ensures proper circulation of fresh air and light.
- An individual system is provided to each student for their project work with the software they request for.
- Students can make use of the lab at any time during the working hours and beyond the working hours.
- Apart from the stipulated lab hours, students can have a free access to develop and enhance their practical hours.
- In order to carry the project work, the students are provided computer systems with high speed internet access and laboratories with high end instruments.
- Laser printer for printing purposes is also provided in the laboratory.

Centre of Excellence

S. N.	Name of the Facility	Details	Purpose for creating Facility	Utilization	Relevance to POs/PSOs

<p>1.</p>	<p>CISCO ACADEMY</p>	<p>CCNA : Introduction to Networks Total No of Certifications : 69</p> <p>CCNA : Switching, Routing and Wireless Essentials Total No of Certifications : 65</p> <p>CCNA : Enterprise Networking, Security and Automation Total No of Certifications : 64</p>	<p>This course includes interactive labs and real-world scenarios to help our students gain practical experience in building LANs, implementing network security measures, and configuring routers and switches.</p> <p>After completing this course, students understand network operations and be capable of performing network configuration, troubleshooting, and mitigation of LAN security threats.</p> <p>This course covers the architectures and considerations involved in designing, securing, operating, and troubleshooting enterprise networks.</p>	<p>Total 70 hrs</p> <p>Total 70 hrs</p> <p>Total 70 hrs</p>	<p>PO1 - The course develops strong foundational engineering knowledge in computer networks</p> <p>PO2 - Students analyze networking problems related to connectivity, subnetting, and protocol communication.</p> <p>PO3 - The course enables learners to design and configure LANs, implement routing and switching solutions.</p> <p>PO5 - Students use modern networking tools and technologies including Cisco Packet Tracer</p> <p>PO8 - Students will develop the ability to work effectively as individuals and as members of a team in configuring, troubleshooting, and managing computer networks</p> <p>PO11- CCNA certification-oriented learning encourages continuous professional</p>
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development in networking technologies, cybersecurity, and emerging communication systems.

PSO1 - The CCNA course strengthens students' ability to apply fundamental engineering and computer science knowledge in networking, including IP addressing, routing, switching, and network troubleshooting.

PSO2 -The CCNA course enables students to use modern networking tools and technologies such as Cisco Packet Tracer, routers, switches, and network monitoring utilities to design, configure, and manage secure network systems.

2	INTEL UNNATI	No of certifications : 60	The INTEL UNNATI course enables students to develop practical skills in emerging technologies, problem-solving, innovation, and industry-oriented application development.	<p>PO1 - Students apply engineering and computing fundamentals to develop technology-based solutions and projects.</p> <p>PO2 - The course trains learners to analyze real-world technical problems and identify suitable solutions.</p> <p>PO5 - The course involves the use of contemporary software tools, development platforms, and emerging technologies.</p> <p>PO8 - Focusing on the unique strengths of each team member to build high-performing teams.</p> <p>PO11 - Exposure to emerging technologies and industry practices motivates continuous learning and professional growth.</p> <p>PSO1 - Intel Unnati helps students apply core computer science and engineering concepts to real-time</p>
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industrial projects in AI, IoT, and data-centric domains.

PSO2 - The program gives hands-on exposure to modern industry tools, AI frameworks, and development platforms, enabling students to build ethical, industry-relevant solutions aligned with current technological needs.

3	Oracle	No of certifications :28	It enhances hands-on practical skills using Oracle tools and cloud platforms. support project development in database applications, web applications, and cloud-based solutions	1hr /wk	<p>PO1 - Students will apply knowledge of programming, database systems, cloud computing, and software engineering principles</p> <p>PO2 - Students will identify, analyze, and solve real-world problems related to database management.</p> <p>PO3 - tudents will design and develop software solutions such as database applications</p> <p>PO5 - Students will use modern Oracle tools, SQL platforms, and cloud services effectively for application development and deployment.</p> <p>PO8 - Students will function effectively as individuals and team members in developing database, web, and cloud-based projects.</p> <p>PO9 - Students will communicate effectively through project reports, technical</p>
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documentation, and presentations related to Oracle-based applications.

PO11 - Students will recognize the need for continuous learning in evolving database, cloud, and enterprise technologies.

PSO1 - The Oracle course helps students apply core computer science knowledge in programming, database management, and cloud computing to solve practical software development problems.

PSO2 - The course provides hands-on experience with modern Oracle tools, SQL platforms, and cloud services, enabling students to design, develop, and deploy software systems ethically for real-world industrial applications.

4	Redhat	No of Certifications: 69	Linux course is used to provide students with industry-focused training in Linux system administration, shell scripting, server management, and open-source technologies.	1hr / wk	<p>PO1 - Students will apply fundamental knowledge of operating systems, Linux administration, shell scripting, and server management to solve real-world computing problems.</p> <p>PO2 - Students will identify, analyze, and troubleshoot system-level issues related to Linux environments, file systems, processes, and network services.</p> <p>PO3 - Students will design and implement Linux-based solutions for system administration, server deployment, and open-source application environments.</p> <p>PO5 - Students will use modern Linux administration tools, shell utilities, scripting environments, and virtualization platforms for system configuration and management.</p>
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PO8 - Students will function effectively as individuals and as team members in administering Linux systems, executing shell scripts.

PO11 - Students will recognize the need for continuous learning in Linux, open-source technologies,

PSO1: The course strengthens fundamental computing knowledge in operating systems and system-level problem solving.

PSO2: The course enables students to use modern Linux tools and open-source platforms to develop and manage industry-relevant solutions.

Academic Year wise Details

Sl No	Certifications	Ay 2025-26	AY 2024-25	Ay 2023-24
1	CCNA: Introduction to Networks	69	-	-
2	CCNA: Switching, Routing and Wireless Essentials	65	-	-

3	CCNA : Enterprise Networking, Security and Automation	64	-	-
4	Intel Unnati	60	39	24
5	Redhat	69	-	-
6	ORACLE	28	-	-

INNOVATION:

Students use this lab for their innovation. They studied IoT in theory. Total 23 batches of 69 students doing IoT project in this lab. The final outcome as a scopus indexed paper publication. These IoT and AI-based project topics collectively demonstrate a integrating core engineering knowledge (PO1) with strong problem identification and analytical skills (PO2) to address real-world societal challenges. They emphasize the design and development of innovative, user-centric solutions (PO3), supported by systematic investigation and data-driven validation (PO4), while effectively leveraging modern tools, sensors, cloud platforms, and machine learning techniques (PO5). Many of the projects directly contribute to societal well-being (PO6) and promote environmental sustainability through efficient resource utilization and monitoring systems (PO7). Ethical considerations such as data privacy, public safety, and responsible technology usage are inherently addressed (PO7), and several projects encourage collaborative development, communication of results, and structured implementation (PO8). Additionally, the interdisciplinary and evolving nature of these projects fosters continuous learning and adaptability to emerging technologies (PO11), making them highly relevant for developing competent and socially responsible engineering graduates. The team displayed below,

Batch No	Title of the Project	Guide Name	Student Name
1	Pill Sense: Next-Gen Smart Strip with Dose Logging	Dr.S.Raja Mohamed	ASWINI S S. VARSHITHA NANDHINI R
2	Anti-Smuggling Tracker for Forest Products Using RFID-Embedded IoT	Dr.J.Senthil Kumar	DHILEEPAN T DEVADHARSAN B SATHIYASEELAN S
3	IoT-Based Appliance-Level Fault Classifier in Smart Grids	Dr.C.Suresh	DEVA SRI D DHINAHAR M KIRUBA SANKARI J
4	Integrated crop rotation planner with soil history sensors	Ms.M.Jayanthi	SIVAGAMI R PRANEESH P PRASHANNA LAKSHMI S

5	Unique IoT Medicine Box with Smart Wrist Band	Ms.Sasikala	MADHU MITHRA A SANDEEP KUMAR J DHANUSH RAAGAV S
6	AI-Based Decentralized Water Sharing Monitor for Gated Communities	Ms.A.Yuvarani	RITHANYA R LOKESH R SHASHANK MTAREEHAL
7	AI-Powered Urban Safety Heatmap Using Real-Time Event Sensor Fusion	Ms.R.Sumathy	SRIMATHI K NAVINANTOSUDHARSON PRIYADHARSHINI M
8	An Intelligent IoT-based Methodology for Monitoring and Controlling Smart Streetlights	Ms.M.Revathy	NANDHINI V AYNHARAN S MURUGAVEL N
9	Edge-AI Powered Inhaler Usage Monitor for Asthma Patients	Mr.K.Vijayarajasekaran	AAKASH M HEMA DHARSHANA S J SANTHOSH KUMAR R
10	Smart Shelter Capacity Monitor for Displacement Scenarios with Auto Alerts	Ms.Gokilapriya	AISHWARYA R A ROSHINI KRITHI MURALI PRASANTH C
11	Smart Battery Pack That Optimizes Discharge Cycle via ML	Ms.Malathy	RITHIKA S VIGNESH S MAGESH S
12	Solar Cooker Efficiency Logger and Visualizer via IoT	Ms.Thabathi	AJAYKUMAR NITHISH R SANJAYTHARAN S

13	IoT-Based Mental Fatigue Detection Through Wearable Skin Conductance Sensors	Mr.S.Selvin Rajesh Kumar	ANCY SNEHA P DHARSINI R DHANUSH P
14	Autonomous IV Fluid Monitoring and Refill Notification System	Ms.Varalekshmi	SUGANYA S MOHAMMED IBRAHIM R GLADWIN LEVIS J
15	IoT-Enabled Water Potability with QR Code Interface	Mr.K.Rajaram	AATHISANKAR A PAVITHRA M KABILESH K
16	Aqua Sense Water Quality Monitoring with Cloud analytics and Networking	Mr.M.S.Ranjith	JOSEPH RAJA G SEVANI P P MOHANARIPRASATH J
17	Smart trap with insect identification and real time population logging	Dr.S.Raja Mohamed	DHAVAMANI A AARTHIKA P MITHUL V
18	IoT-Driven Micro-Climate Monitoring Network for Data Informed Urban Planning and Resilience	Dr.J.Senthil Kumar	PADMADEV D MADHURA A SELVA VIKASH P
19	Micro-Wind Turbine Efficiency Monitor Using Smart Vibration and RPM Sensor	Dr.C.Suresh	NIVETHIKA P PRADEEP SA SIRANJEEVI E
20	IOT-based Smart Tap That Dispenses Based on Hand Proximity and Usage Patterns	Ms.M.Jayanthi	KIRUTHIKA P CHIDAMBARAM N VIGNESHWARAN M

21	IoT-Powered Ultraviolet Exposure Tracker for Outdoor Workers.	Ms.Sasikala	ANGEL V MUHAMMED HASSAN S DHARINEESH
22	Cloud-Connected Organic compost quality analyzer using pH/Temp/Gas Sensors	Ms.A. Yuvarani	DIVYASRI M SIBY R K. RITHIKAA
23	Auto-Reporting Pothole Detector Using Vibration & Gyro in Public Transport	Ms.R.Sumathy	SANTHOSH K V TULASIRAM V RAJAGANAPATHI M

These IoT and AI-based project topics strongly align with the United Nations Sustainable Development Goals (SDGs) by addressing critical global challenges through technology-driven solutions. Many projects contribute to **SDG 3 (Good Health and Well-being)** by enabling smart healthcare monitoring systems, while others focus on **SDG 6 (Clean Water and Sanitation)** through water quality and conservation technologies. Energy-efficient innovations such as smart streetlighting and solar monitoring support **SDG 7 (Affordable and Clean Energy)**, and infrastructure-focused solutions like pothole detection and urban safety mapping promote **SDG 9 (Industry, Innovation, and Infrastructure)** and **SDG 11 (Sustainable Cities and Communities)**. Environmental monitoring and climate-aware systems align with **SDG 13 (Climate Action)**, **SDG 14 (Life Below Water)**, and **SDG 15 (Life on Land)** by encouraging sustainable ecosystem management. Additionally, projects related to governance, public safety, and equitable resource distribution contribute to **SDG 16 (Peace, Justice, and Strong Institutions)**, while worker safety and productivity solutions reflect **SDG 8 (Decent Work and Economic Growth)**. Overall, these projects demonstrate a meaningful integration of technology with sustainability goals, fostering responsible innovation for societal and environmental betterment.

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)	720	36	34	43	99
2024-25(CAYm1)	990	50	34	44	72

2025-26(CAY)	1020	51	36	42	73
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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	130000000	70441480	39000000	14983623	8500000	8115297	20400000	19523029
Library	7560000	7718820	6300000	5932410	4200000	4140690	2600000	2177360
Laboratory equipment	7500000	19603690	10000000	16509913	13000000	12337146	9000000	8284322
Teaching and non-teaching staff salary	220000000	233971388	175000000	189273417	160000000	154575446	140000000	130524000
Outreach Programs	3168000	2651556	2100000	2012136	2000000	1947650	2060000	1965000
R&D	11440000	10990099	6046000	6507012	5950000	5751115	5755000	5571156
Training, Placement and Industry linkage	10500000	20761060	10000000	17620995	6900000	6571674	1160000	1097699
SDGs	4000000	4078407	3400000	3262997	2700000	2634214	2800000	2687122
Entrepreneurship	300000	235450	510000	771500	220000	233778	740000	793000
Others, specify	299197000	263702496	292845000	239086624	276374000	268716952	143748400	137727414
Total	693665000	634154446	545201000	495960627	479844000	465023962	328263400	310350102

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	2500000	968518	7500000	7021769	2700000	2232406	4200000	3558050
Software	400000	242764	300000	222740	100000	46508	100000	45584
SDGs	150000	135945	100000	62306	100000	70628	50000	35789
Support for faculty development	200000	38479	150000	88295	300000	126567	250000	198947

R & D	500000	582911	300000	209769	1500000	1293833	200000	129760
Industrial Training, Industry expert, Internship	1000000	329842	1000000	869311	500000	425321	400000	302703
Miscellaneous Expenses	600000	452418	300000	274049	400000	298209	300000	193585
Total	5350000	2750877	9650000	8748239	5600000	4493472	5500000	4464418