

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 : 11299	Date of Submission : 28-11-2025

PART A- Profile of the Institute

A1.Name of the Institute : KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	
Year of Establishment : 1998	Location of the Institute: Virudhunagar
A2. Institute Address :KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY VIRUDHUNAGAR TAMILNADU 626001	
City:VIRUDHUNAGAR	State:Tamil Nadu
Pin Code:626001	Website:www.kamarajengg.edu.in
Email:mail@kamarajengg.edu.in	Phone No(with STD Code):04549-278171
A3. Name and Address of the Affiliating University (if any) :	
Name of the University :	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: **9**
- No. of PG programs: **2**

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	Engineering & Technology	UG	Artificial Intelligence and Data Science	2020	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Biotechnology	2002	--	Biotechnology
3	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
4	Engineering & Technology	PG	Communication and Networks	2011	--	Electronics and Communication Engineering
5	Engineering & Technology	UG	Computer Science and Engineering	1998	--	Computer Science and Engineering
6	Engineering & Technology	UG	Electrical and Electronics Engineering	2002	--	Electrical and Electronics Engineering
7	Engineering & Technology	UG	Electronics & Communication Engineering	1998	--	Electronics and Communication Engineering
8	Engineering & Technology	UG	Information Technology	2001	--	Information Technology
9	Engineering & Technology	UG	Mechanical Engineering	2005	--	Mechanical Engineering
10	Engineering & Technology	UG	Mechatronics Engineering	2014	--	Mechatronics Engineering
11	Engineering & Technology	PG	Power Systems Engineering	2012	--	Electrical and Electronics 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
Computer Science and Engineering	Yes	Computer Science and Engineering	UG
Electronics and Communication Engineering	No	Electronics & Communication Engineering	UG
Electrical and Electronics Engineering	No	Electrical and Electronics 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
Information Technology	Information Technology	UG
Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	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	ACCR STATU
1	Computer Science and Engineering	UG	1998 / --	40	Yes	2022	180	2022	F.No: Southern/1-10969740257/2022/EOA Date:03 July 2022	Grante accred years period

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	Sanctioned Intake
2025-26	180
2024-25	180
2023-24	180
2022-23	180
2021-22	120
2020-21	120

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/COMPE AUTHORITY A DETAILS
1	Information Technology	Information Technology	UG	2001 / --	60	Yes	2022	120	2022	F.No: Southern/1-10969740257/2022/EOA Date:03 July 2022

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	120
2021-22	60
2020-21	60

2	Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG	2020 / --	60	Yes	2024	120	2024	SOUTHERN/1-43659922771/2024/EOA dt:19 May 2024
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Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science	
Academic Year	Sanctioned Intake
2025-26	120
2024-25	120
2023-24	60
2022-23	60
2021-22	60
2020-21	60

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

A. Name of the HoD :	Dr.A.Meenakshi
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	180	180	120	120	120
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	179	179	174	177	119	100	105
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	11	1	9	6	6	0
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	179	190	175	186	125	106	105

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	179	0	99.44
2024-25 (CAYm1)	180	179	0	99.44
2023-24 (CAYm2)	180	174	0	96.67

Average [(ER1 + ER2 + ER3) / 3] = 98.52≡ 20.00

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

Table No.B5.1: The success rate in the stipulated period of a program.

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	126.00	126.00	120.00
B=No. of students who graduated from the program in the stipulated course duration	116.00	103.00	105.00
Success Rate (SR)= (B/A) * 100	92.06	81.75	87.50

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 87.10

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)	7.82	7.86	7.89
Y=Total no. of successful students	179.00	174.00	177.00
Z=Total no. of students appeared in the examination	179.00	174.00	177.00
API [X*(Y/Z)]	7.82	7.86	7.89

Average API[(AP1+AP2+AP3)/3] : 7.86

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 2rd year/10)	7.85	7.75	7.90
Y=Total no. of successful students	173.00	186.00	125.00
Z=Total no. of students appeared in the examination	175.00	186.00	125.00
API [X * (Y/Z)]	7.76	7.75	7.90

Average API [(AP1 + AP2 + AP3)/3] : 7.80

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)
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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)	8.19	7.92	8.52
Y=Total no. of successful students	186.00	125.00	104.00
Z=Total no. of students appeared in the examination	186.00	125.00	105.00
API [X*(Y/Z)]:	8.19	7.92	8.44

Average API [(AP1 + AP2 + AP3)/3] : 8.18

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	126.00	126.00	120.00
X=No. of students placed	91.00	80.00	79.00
Y=No. of students admitted to higher studies	4.00	7.00	5.00
Z= No. of students taking up entrepreneurship	1.00	1.00	1.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	76.19	69.84	70.83

Average Placement Index = (P_1 + P_2 + P_3)/3: 72.29 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)	Current Association (Y/N)
1	Dr.A.Meenakshi	XXXXXXXX91R	Ph.D	Anna University, Chennai	Machine Learning, Deep Learning, Big Data Analytics	06/05/2019	6.6	Associate Professor	Professor	11/04/2022	Regular	Yes
2	Dr.R.Ramya	XXXXXXXX63C	Ph.D	Anna University, Chennai	Data Science, Deep Learning, Machine Learning	22/05/2002	23.6	Lecturer	Associate Professor	11/04/2022	Regular	Yes
3	Dr.V.Rajesh Kannan	XXXXXXXX06H	Ph.D	Anna University, Chennai	Network Security	28/06/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes
4	Mr.G.Sundararaju	XXXXXXXX38F	M.Tech	Sathyabama University	Machine Learning	06/01/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes
5	Mr.R.Kumaravel	XXXXXXXX67M	M.E.	Anna University, Chennai	Mobile Communication,Deep Learning,Machine Learning,Digital Image Processing.	23/06/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes
6	Mr.B.Muthukrishna Vinayagam	XXXXXXXX90E	M.E.	Manonmaniam Sundaranar University	Image Processing	01/12/2007	18	Assistant Professor	Assistant Professor		Regular	Yes
7	Mr.G.Praveen Kumar	XXXXXXXX90N	M.E.	St.Peters University	Web Development	01/06/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes
8	Dr.G.Uma Maheswari	XXXXXXXX94B	Ph.D	Anna University, Chennai	Software Defined Networks, Machine Learning, Big Data	06/06/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes
9	Ms.S.Athilakshmi	XXXXXXXX02J	M.E.	Anna University, Trichy	Data Science, Machine Learning, Natural Language Processing	01/08/2016	9.3	Assistant Professor	Assistant Professor		Regular	Yes
10	Mr.J.John Livingston	XXXXXXXX04G	M.Tech	Anna University Of Technology, Tirunelveli	Cyber Security, Internet of Things	18/01/2023	2.10	Assistant Professor	Assistant Professor		Regular	Yes
11	Mr.S Ram Prasath	XXXXXXXX34L	M.E.	Anna University, Chennai	Machine Learning, Networking	02/01/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes
12	Mr.D.Asir	XXXXXXXX82Q	M.Tech	Karunya University	Machine Learning, Network Security	22/08/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes

13	Ms.X. Ignatius Selvarani	XXXXXXX37C	M.E.	Anna University, Chennai	Machine Learning, Internet of Things	25/05/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes
14	Ms.S.Janani	XXXXXXX88G	M.E.	Anna University, Chennai	Data Analytics, Computer Vision	02/07/2012	13.4	Assistant Professor	Assistant Professor		Regular	No
15	Ms.E.Vijayalakshmi	XXXXXXX31R	M.E.	Anna University, Chennai	Cloud Computing	05/06/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes
16	Mr.D.Raj	XXXXXXX11A	M.E.	Anna University, Chennai	Deep Learning, Cloud Computing	07/06/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes
17	Ms.K.Leelarani	XXXXXXX28G	M.E.	Anna University, Chennai	Application Development	03/12/2014	10.11	Assistant Professor	Assistant Professor		Regular	Yes
18	Ms.D.Pradhiba	XXXXXXX19K	M.Tech	Kalasalingam University	Machine Learning	02/08/2023	2.3	Assistant Professor	Assistant Professor		Regular	Yes
19	Ms.S.Archana Devi	XXXXXXX45N	M.E.	Anna University, Chennai	Cyber Security, Computer Networks	03/07/2024	1.4	Assistant Professor	Assistant Professor		Regular	Yes
20	Ms.T.Divya	XXXXXXX35J	M.E.	Anna University, Chennai	Machine Learning	19/06/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes
21	Ms.M.Mohana	XXXXXXX62G	M.E.	Anna University, Chennai	Deep Learning	04/07/2024	1.4	Assistant Professor	Assistant Professor		Regular	Yes
22	Ms.K Priyadharshini	XXXXXXX01E	M.E.	Anna University, Chennai	Networking, Machine Learning	01/07/2024	1.4	Assistant Professor	Assistant Professor		Regular	Yes
23	Ms.G.Rohiniprya	XXXXXXX34M	M.E.	Anna University, Chennai	Machine Learning	07/08/2024	1.3	Assistant Professor	Assistant Professor		Regular	Yes
24	Ms.G.C.Pushpalatha	XXXXXXX50G	M.E.	Anna University, Chennai	Networking	05/05/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes
25	Ms.G.A.Muthuchelvi	XXXXXXX87H	M.E.	Anna University, Chennai	Cloud Computing	13/05/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes
26	Ms.I.Shalom Priscilla	XXXXXXX68D	M.E.	Anna University, Chennai	Network Security	02/06/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes
27	Ms.S.Maria Sobana	XXXXXXX25J	M.E.	Anna University, Chennai	Data Mining, Cloud Computing	01/07/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes
28	Ms.S.Saraswathi	XXXXXXX19K	M.E.	Anna University, Chennai	Machine Learning,Block Chain	04/07/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes
29	Mrs.K.Muthulakshmi	XXXXXXX60M	M.E.	Anna University Of Technology, Tirunelveli	Digital Image Processing, Networking, Mobile Application Development	01/07/2011	14.5	Assistant Professor	Assistant Professor		Regular	Yes
30	Dr.G.Nirmala	XXXXXXX26Q	Ph.D	Anna University, Chennai	Machine Learinig, Internet Of Things	20/08/2014	10.3	Assistant Professor	Assistant Professor		Regular	No
31	Mrs.S.Hemaswathi	XXXXXXX69R	M.E.	Anna University, Chennai	Mobile Communication, Network Security	04/07/2022	1.11	Assistant Professor	Assistant Professor		Regular	No
32	Mr.M.Rajasekaran	XXXXXXX96K	M.E.	Anna University, Chennai	Mobile Communication, Network Security	14/06/2017	7	Assistant Professor	Assistant Professor		Regular	No
33	Dr.A.Anandh	XXXXXXX05G	Ph.D	Anna University, Chennai	Digital Image Processing, Internet of Things, Machine Learning	10/08/2009	16.3	Assistant Professor	Associate Professor	01/07/2014	Regular	Yes
34	Dr.G.Mahalakshmi	XXXXXXX58P	Ph.D	Anna University, Chennai	Wireless Sensor Networks	01/12/2021	2.6	Assistant Professor	Assistant Professor		Regular	No
35	Mrs.B.Santhi Priya	XXXXXXX16K	M.E.	Vinayaka Missions University	Data Mining, Big Data	28/07/2022	1.11	Assistant Professor	Assistant Professor		Regular	No

36	Ms.R.Haripriya	XXXXXXXX52E	M.E.	Anna University, Chennai	Networking	10/04/2023	1.1	Assistant Professor	Assistant Professor		Regular	No
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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 Appointment (Regular/Contract/Ad hoc)
1	Dr.R.Aghila	XXXXXXXX89N	XXXXXXXXXX705	Ph.D	Anna University, Chennai	Distributed computing, Deep learning, Internet of Things	01/06/2023	2.5	Professor	Professor		Regular
2	Dr.S.Balaji	XXXXXXXX60E	XXXXXXXXXX985	Ph.D	Anna University, Chennai	Deep learning, Machine Learning, Computer Network Security, Cloud Computing	08/01/2025	0.10	Professor	Professor		Regular
3	Dr.P.Praveen Kumar	XXXXXXXX46A	XXXXXXXXXX611	Ph.D	National Institute of Technology ,Tiruchirapalli	Privacy and Security in Cloud, Cryptography, Databases	27/07/2011	14.4	Assistant Professor	Associate Professor	01/03/2023	Regular
4	Mrs.N.Gajalakshmi	XXXXXXXX01M	XXXXXXXXXX106	M.E.	Anna University, Chennai	Data Mining, Cloud Computing	03/06/2024	1.5	Assistant Professor	Assistant Professor		Regular
5	Mrs.S.Nithya	XXXXXXXX48G	XXXXXXXXXX522	M.E.	Anna University, Chennai	Machine Learning, Deep Learning	19/04/2023	2.7	Assistant Professor	Assistant Professor		Regular
6	Mr.P.G.Siva Sharma Karthick	XXXXXXXX60H	XXXXXXXXXX608	M.E.	Anna University, Chennai	Internet of Things, Artificial Intelligence	24/05/2024	1.6	Assistant Professor	Assistant Professor		Regular
7	Mrs.J.Mary Varsha	XXXXXXXX33Q	XXXXXXXXXX936	M.E.	Manonmaniam Sundaranar University	Distributed computing, Machine learning,	02/06/2025	0.5	Assistant Professor	Assistant Professor		Regular
8	Mrs.K.Rajalakshmi	XXXXXXXX52L	XXXXXXXXXX464	M.E.	Anna University, Chennai	Deep Learning, Bio medical Imaging	06/01/2025	0.10	Assistant Professor	Assistant Professor		Regular
9	Mrs.S.Mohanap Priya	XXXXXXXX95D	XXXXXXXXXX198	M.Tech	Manonmaniam Sundaranar University	Block chain, Cryptography, Quantum Computing	26/05/2025	0.6	Assistant Professor	Assistant Professor		Regular
10	Mrs.A.Nagalakshmi	XXXXXXXX43R	XXXXXXXXXX752	M.E.	Anna University, Chennai	Cloud Computing, Cryptography	01/07/2024	1.4	Assistant Professor	Assistant Professor		Regular
11	Mrs.S.Devi Chithra	XXXXXXXX35E	XXXXXXXXXX059	M.E.	Anna University, Chennai	Cloud Computing, Networking	13/05/2025	0.6	Assistant Professor	Assistant Professor		Regular
12	Mrs.R.Indhuja	XXXXXXXX52P	XXXXXXXXXX942	M.E.	Anna University Of Technology, Tirunelveli	Deep Learning	01/12/2021	3.6	Assistant Professor	Assistant Professor		Regular
13	Mrs.V.Sangeetha	XXXXXXXX35J	XXXXXXXXXX510	M.Tech	Kalasalingam University, Srivilliputhur	Big Data and Web Development	26/05/2022	3.1	Assistant Professor	Assistant Professor		Regular
14	Ms.J.Lavanya	XXXXXXXX69J	NA	M.E.	Anna University, Chennai	Machine Learning, Deep Learning	05/08/2021	2.10	Assistant Professor	Assistant Professor		Regular
15	Mrs.K.Indumathi	XXXXXXXX60F	XXXXXXXXXX318	M.E.	Anna University, Chennai	Image analytics , Machine Learning	11/08/2021	3.10	Assistant Professor	Assistant Professor		Regular

16	Dr. E. Vakaimalar	XXXXXXX61Q	XXXXXXXXXX734	Ph.D	Anna University, Chennai	Image Processing	05/07/2004	21.4	Assistant Professor	Associate Professor	11/04/2022	Reg
17	Dr. R. Arthy	XXXXXXX92P	XXXXXXXXXX659	Ph.D	Anna University	Internet of Things, Machine Learning	19/04/2006	19.7	Assistant Professor	Associate Professor	06/01/2025	Reg
18	Dr.S.Akila Rajini	XXXXXXX65Q	XXXXXXXXXX614	Ph.D	Anna University	Deep Learning and Optimization Techniques	07/08/2024	1.3	Assistant Professor	Assistant Professor		Reg
19	Mrs. V. Deepa Priya	XXXXXXX10B	XXXXXXXXXX697	M.E.	Anna University, Trichy	Block chain Security, Image processing	01/06/2007	18.6	Assistant Professor	Assistant Professor		Reg
20	Mr. C. Raj Kannan	XXXXXXX43H	XXXXXXXXXX998	M.E.	Anna University	Adhoc Network	11/08/2021	4.3	Assistant Professor	Assistant Professor		Reg
21	Mr. G. H. Ram Ganesh	XXXXXXX58L	XXXXXXXXXX726	M.E.	Anna University	Deep Learning and Image Processing	01/03/2023	2.8	Assistant Professor	Assistant Professor		Reg
22	Ms. P. Mahalakshmi	XXXXXXX94Q	XXXXXXXXXX352	M.E.	Anna University	Data Science and Deep Learning	01/06/2023	2.5	Assistant Professor	Assistant Professor		Reg
23	Ms. S. Gayathri	XXXXXXX08K	XXXXXXXXXX821	M.E.	Anna University	Deep Learning and Image Processing	01/06/2023	2.5	Assistant Professor	Assistant Professor		Reg
24	Ms.V.Gayathri	XXXXXXX60J	XXXXXXXXXX182	M.E.	Anna University	Cyber Security & Data Analytics	01/06/2023	2.5	Assistant Professor	Assistant Professor		Reg
25	Ms.R.Saranya Priyadarshini	XXXXXXX69G	XXXXXXXXXX208	M.E.	Anna University	Deep Learning and Image Processing	03/07/2023	2.4	Assistant Professor	Assistant Professor		Reg
26	Ms.G.Nivetha	XXXXXXX02H	XXXXXXXXXX471	M.E.	Anna University	Artificial Intelligence	13/05/2024	1.6	Assistant Professor	Assistant Professor		Reg
27	Mr.J.Ponnudurai	XXXXXXX24G	XXXXXXXXXX320	M.E.	Anna University	Artificial Intelligence and Network Security	02/01/2025	0.10	Assistant Professor	Assistant Professor		Reg
28	Mr.J.Lefty Joyson	XXXXXXX26P	XXXXXXXXXX501	M.E.	Anna University	Data Science	02/05/2025	0.6	Assistant Professor	Assistant Professor		Reg
29	Ms.P.Sudha	XXXXXXX94P	XXXXXXXXXX481	M.E.	Anna University	Data Science	02/06/2025	0.5	Assistant Professor	Assistant Professor		Reg
30	Ms.P.Ramya	XXXXXXX26K	XXXXXXXXXX670	M.E.	Anna University	Machine Learning and Deep Learning	04/06/2025	0.5	Assistant Professor	Assistant Professor		Reg
31	Ms.S.Kamali	XXXXXXX60B	XXXXXXXXXX098	M.E.	Anna University	Artificial Intelligence	26/06/2025	0.5	Assistant Professor	Assistant Professor		Reg
32	Ms.K.Kartheeswari	XXXXXXX05R	XXXXXXXXXX312	M.E.	Anna University	Web Development	28/04/2025	0.7	Assistant Professor	Assistant Professor		Reg
33	Ms.L.Deepika	XXXXXXX53G	XXXXXXXXXX974	M.E.	Anna University	Artificial Intelligence	01/07/2025	0.4	Assistant Professor	Assistant Professor		Reg
34	Dr. D. Vendhan	XXXXXXX41G	XXXXXXXXXX199	Ph.D	Anna University, Chennai	Internet of Things , High Performance Computing	01/07/2008	17	Assistant Professor	Assistant Professor		Reg
35	Ms. P. Priyadarshini	XXXXXXX84K	XXXXXXXXXX270	M.E.	Anna University	Data Analytics, Machine Learning	01/12/2021	3.6	Assistant Professor	Assistant Professor		Reg
36	Ms.P.Kaviya	XXXXXXX31H	NA	M.Tech	Kalasalingam University	Wireless Sensor Network	02/01/2015	9.5	Assistant Professor	Assistant Professor		Reg
37	Ms.B.Shivagangatharani	XXXXXXX98P	XXXXXXXXXX724	M.E.	Anna University	Data Science	12/08/2024	0.10	Assistant Professor	Assistant Professor		Reg
38	Dr.R.Muthuselvi	XXXXXXX01B	XXXXXXXXXX800	Ph.D	Anna University, Chennai	Internet of Things, High Performance Computing	22/04/2013	12.7	Professor	Professor	22/04/2013	Reg

39	Dr.U.Kumaran	XXXXXXXX92N	NA	Ph.D	Noorul Islam Centre for Higher Education, Kanyakumari	Internet of Things, High Performance Computing	15/05/2023	1.1	Associate Professor	Associate Professor	15/05/2023	Reg
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C2. Student-Faculty Ratio (SFR)

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

UG1=1st UG program

UGn=nth UG program

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

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

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

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

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

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

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

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

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

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

No. of UG Programs in the Department1 No. of PG Programs in the Department0

Table No.C2.1: Student-faculty ratio.

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	190	181	189
UG1.C	181	188	126
UG1.D	188	126	126
UG1: Computer Science and Engineering	559	495	441
UG2.B	130	62	62
UG2.C	62	62	64
UG2.D	62	64	61
UG2: Artificial Intelligence and Data Science	254	188	187
UG3.B	123	125	125
UG3.C	125	125	65
UG3.D	125	65	62
UG3: Information Technology	373	315	252
DS=Total no. of students in all UG and PG programs in the Department	559	495	441
AS=Total no. of students of all UG and PG programs in allied departments	627	503	439
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1186	S2= 998	S3= 880
DF=Total no. of faculty members in the Department	29	23	24
AF= Total no. of faculty members in the allied Departments	30	24	21
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 59	F2= 47	F3= 45
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	2
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 20.10	SFR2= 21.23	SFR3= 20.47
Average SFR for 3 years	SFR= 20.60		

C3. Faculty Qualification

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

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF]
2025-26(CAY)	11	48	59.00	12.80
2024-25(CAYm1)	11	36	49.00	12.96
2023-24(CAYm2)	12	33	43.00	14.65

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = 1/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.

- RF2= No. of Associate Professors required = $2/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:}$.
- RF3= No. of Assistant Professors required = $6/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:}$.
- 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	6.00	4.00	13.00	5.00	39.00	50.00
2024-25	5.00	3.00	11.00	4.00	33.00	40.00
2023-24	4.00	3.00	9.00	5.00	29.00	37.00
Average	RF1=5.00	AF1=3.33	RF2=11.00	AF2=4.67	RF2=33.67	AF2=42.33

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	Mr. M.Rajesh Kannan	CEO	Paruvathhe Payir Sei, Bengaluru	IOT using MQTT	52.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.A.M.Sasikumar	Software Developer	Phoenix Softech, Madurai	Mastering the Art of Coding Batch V- Fundamentals of C Programming	45.00
2	Mr.A.M.Sasikumar	Software Developer	Phoenix Softech, Madurai	Flask	45.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr.B.Ezhilavan	Managing Director	VEI Technologies Pvt. Ltd, Chennai	MEAN Stack	45.00
2	Dr.B.Ezhilavan	Managing Director	VEI Technologies Pvt. Ltd, Chennai	Advanced Java Programming	45.00

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	46	47	13
2	No. of peer reviewed conference papers published	55	41	19
3	No. of books/book chapters published	3	6	5

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

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

Note*:

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

C8. Consultancy Work

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

(CAYm1)

(CAYm2)

(CAYm3)

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

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.A.Meenakshi	KCET Cloud LMS: Your Gateway to Online Certification Courses	1 Year	5.00	5.00	Patent Filed
			Amount received (Rs.): 5.00		

(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.A.Meenakshi	KCET Route Map	1 Year	0.15	0.15	Patent Published
Dr.R.Ramya	Tyre Doctor	1 Year	0.25	0.25	Patent Published
Mrs.B.Santhi Priya	Vision Mate	1 Year	0.06	0.06	Product developed
Dr.R.Ramya	Smart Aquarium	1 Year	0.03	0.03	Product developed
Mr.B.Muthukrishna Vinayagam	MIME Translator	1 Year	0.11	0.11	Product developed
Mrs.K.Leelarani	Solid Waste Segregation Management System Using Deep Learning	1 Year	0.10	0.10	Product developed
Mr.B.Muthukrishna Vinayagam	Automatic Solar Tracker	1 Year	0.04	0.04	Product developed
Dr.R.Ramya	Smart Garbage Bin using IoT	1 Year	0.06	0.06	Product developed
Mr.Asir	Study Buddy Matcher	1 Year	0.03	0.03	Product developed
Mrs.S.Hemaswathi	ONDC Services	1 Year	0.07	0.07	Product developed
Dr.G.Nirmala	LIBRO BOT- an AI Library Assistant	1 Year	0.05	0.05	Product developed
Mr.J.John Livingston	APTIMENTOR	1 Year	0.09	0.09	Product developed
Mr.G.Praveen Kumar	KCET Hostel Mess Management	1 Year	0.04	0.04	Product developed
Dr.G.Uma Maheswari	Sewage Gas Monitoring System using IoT	1 Year	0.06	0.06	Patent Published
			Amount received (Rs.): 1.14		

(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.R.Muthuselvi, Professor/CSE (PI) Dr.G.Nirmala, Assistant Professor/CSE (Co-PI)	Automatic Temperature Control in a Water Dispenser	1 year	0.10	0.10	Patent Published
Dr.P.Praveen Kumar, Assistant Professor/CSE (PI) Dr.R.Ramya, Associate Professor/CSE (Co-PI)	“Closed E-Wallet: A Payment System for Educational Institutions in India”	1 Year	0.15	0.15	Patent Published
			Amount received (Rs.): 0.25		

Total amount (Lacs) received for the past 3 years : 6.39

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	Artificial Intelligence and Internet of Things Laboratory	31	DELL OPTIPLEX 3020 Intel / Core i5-4570 / 4 GB DDR3 RAM / 500GB HDD/ 40 CM LCD Monitor 17.3" / 15.5"	Odd Sem : 27 I	Mrs. K. Gunasur	Technician	M.C.A
2	Artificial Intelligence and Internet of Things Laboratory	31	DELL OPTIPLEX 3020 Intel / Core i5-4570 / 8GB DDR3 RAM / 500GB HDD/ 40 CM LCD Monitor 17.3" / 15.5"	Odd Sem : 27 I	Mrs. K. Gunasur	Technician	M.C.A

3	Artificial Intelligence and Internet of Things Laboratory	31	DELL OPTIPLEX 3020 Intel / Core i3-4130 / 4GB DDR3 RAM/ 500GB HDD/ 19.5" LCD Monitor – 2 Nos.	Odd Sem : 27 I	Mrs. K. Gunasur	Technician	M.C.A
4	Artificial Intelligence and Internet of Things Laboratory	31	HP PRO TOWER 280GP MT DESKTOP / Intel Core i3 / 12100*8 / 8 GB DDR3 RAM/500GB HDD/19.5" LCD Monitor – 2 Nos.	Odd Sem : 27 I	Mrs. K. Gunasur	Technician	M.C.A
5	Artificial Intelligence and Internet of Things Laboratory	31	NVIDIA Jetson Nano Developer Kit - 4GB RAM / 64GB Micro SD Card - 15 Nos.	Odd Sem : 27 I	Mrs. K. Gunasur	Technician	M.C.A
6	Artificial Intelligence and Internet of Things Laboratory	31	RASPBERRY PI 4 - 4GB RAM/32GB Micro SD Card – 10 Nos	Odd Sem : 27 I	Mrs. K. Gunasur	Technician	M.C.A
7	Artificial Intelligence and Internet of Things Laboratory	31	ARDUINO MEGA 2560 - 15 Nos.	Odd Sem : 27 I	Mrs. K. Gunasur	Technician	M.C.A
8	Artificial Intelligence and Internet of Things Laboratory	31	HP LaserJet 1020 Plus printer – 1 No., 15kVA UPS – 1 No.,	Odd Sem : 27 I	Mrs. K. Gunasur	Technician	M.C.A
9	Modern Application and Development Laboratory	33	HP280G6 MT DESKTOP / Intel Core i3 / 10th Gen./ 8GB DDR3 RAM/512GB SSD/19.5" LCD Monitor – 2 Nos.	Odd Sem : 1	Mrs. K.Gunasun	Technician	M.C.A
10	Modern Application and Development Laboratory	33	HP LaserJet LaserJet 1020 Plus Printer – 1 No.,	Odd Sem : 1	Mrs. K.Gunasun	Technician	M.C.A
11	Modern Application and Development Laboratory	33	10 kVA UPS – 1 No.,	Odd Sem : 1	Mrs. K.Gunasun	Technician	M.C.A
12	Network and Security Laboratory	64	HCL Desktop (Intel Core i3/ H55 / 250W ATX /4 GB DDR3 RAM / 500 GB SATA HDD) – 64 Nos.	Odd Sem : 2	Ms.P.Sheeba	Technician	M.C.A
13	Network and Security Laboratory	64	15kVA UPS – 2 Nos.,	Odd Sem : 2	Ms.P.Sheeba	Technician	M.C.A
14	Network and Security Laboratory	64	HP LaserJet M1005 printer – 1 No	Odd Sem : 2	Ms.P.Sheeba	Technician	M.C.A
15	Cloud computing and Data Analytics Laboratory	32	HP PRO TOWER 280G9 MT Intel / Core i7 / 13th GEN / 2.10G 16 cores, 32GB DDR4 RAM/ 512GB SSD / 19.5" LCD Monitor – 2 Nos.	Odd Sem : 29	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.
16	Cloud computing and Data Analytics Laboratory	32	HP 1020 Laser Plus printer – 1 No	Odd Sem : 29	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.
17	Cloud computing and Data Analytics Laboratory	32	20 KVA UPS – 1 No.,	Odd Sem : 29	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.
18	Visual Computing Laboratory	33	DELL OPTIPLEX i5 - 4570 Intel / Core i5 / 6GB DDR3 RAM/ 500GB SATA HDD / DELL 19.5" LCD Monitor – 2 Nos.	Odd Sem : 3	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.
19	Visual Computing Laboratory	33	HP M1005 Laser Plus Printer – 1 No	Odd Sem : 3	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.
20	Visual Computing Laboratory	33	20 KVA UPS – 1 No.,	Odd Sem : 3	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.
21	Programming Laboratory	64	HP -280 G9 DT 13 / Intel / Core i3 / 12th GEN / 8GB DDR4 RAM/ 512GB SSD / HP 19.5" LCD Monitor / MONITOR – 64 Nos.	Odd Sem : 3	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.
22	Programming Laboratory	64	HP M1005 Laser Plus Printer – 1 No.	Odd Sem : 3	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.
23	Programming Laboratory	64	20 KVA UPS – 1 No	Odd Sem : 3	Mr. A. Seenivasan	Technician	B.C.A., D.C.E.

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
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1	Artificial Intelligence and Internet of Things Laboratory	• Electrical earthing □ It is a crucial safety mechanism used to protect the equipment. It also helps to prevent electric shock, especially when there is an insulation failure or leakage current. □ Earthing also supports the proper operation of protective devices like fuses, MCBs, and RCCBs. • Fire extinguishers □ Used to quickly suppress and control small fires, preventing them from spreading and causing major damage. □ Helps ensure personal safety by allowing immediate action during fire emergencies before professional help arrives. • Micro Circuit Breakers □ Automatically disconnect the electrical circuit when overload or short circuit conditions occur, protecting equipment from damage. • Concealed wiring □ Improves safety by protecting electrical wires inside walls, reducing the risk of electric shock, fire, or mechanical damage. • Emergency exit □ Provides a safe and quick evacuation route during emergencies such as fire, electrical faults, or chemical spills. • Stabilized electrical supply through UPS facility □ Provides uninterrupted power supply during power failures, ensuring that sensitive laboratory equipment continues to operate without shutdown. • Centralized Anti-virus software installed in the server serves all PCs in intranet □ Provides unified protection by automatically monitoring, scanning, and updating all PCs on the intranet from a single server, ensuring consistent security across the network. □ Prevents malware spreading within the intranet by detecting threats early and isolating infected systems before they affect other connected computers. • USB port disabled to avoid using pen drives □ Prevents unauthorized data transfer, ensuring that sensitive or confidential laboratory information cannot be copied or removed without permission. • CD drives not accessible □ Prevents unauthorized installation or copying of software/data, ensuring better security and control over the system's content.
2	Modern Application and Development Laboratory	• Electrical earthing □ It is a crucial safety mechanism used to protect the equipment. It also helps to prevent electric shock, especially when there is an insulation failure or leakage current. □ Earthing also supports the proper operation of protective devices like fuses, MCBs, and RCCBs. • Fire extinguishers □ Used to quickly suppress and control small fires, preventing them from spreading and causing major damage. □ Helps ensure personal safety by allowing immediate action during fire emergencies before professional help arrives. • Micro Circuit Breakers □ Automatically disconnect the electrical circuit when overload or short circuit conditions occur, protecting equipment from damage. • Concealed wiring □ Improves safety by protecting electrical wires inside walls, reducing the risk of electric shock, fire, or mechanical damage. • Emergency exit □ Provides a safe and quick evacuation route during emergencies such as fire, electrical faults, or chemical spills. • Stabilized electrical supply through UPS facility □ Provides uninterrupted power supply during power failures, ensuring that sensitive laboratory equipment continues to operate without shutdown. • Centralized Anti-virus software installed in the server serves all PCs in intranet □ Provides unified protection by automatically monitoring, scanning, and updating all PCs on the intranet from a single server, ensuring consistent security across the network. □ Prevents malware spreading within the intranet by detecting threats early and isolating infected systems before they affect other connected computers. • USB port disabled to avoid using pen drives □ Prevents unauthorized data transfer, ensuring that sensitive or confidential laboratory information cannot be copied or removed without permission. • CD drives not accessible □ Prevents unauthorized installation or copying of software/data, ensuring better security and control over the system's content.
3	Network and Security Laboratory	• Electrical earthing □ It is a crucial safety mechanism used to protect the equipment. It also helps to prevent electric shock, especially when there is an insulation failure or leakage current. □ Earthing also supports the proper operation of protective devices like fuses, MCBs, and RCCBs. • Fire extinguishers □ Used to quickly suppress and control small fires, preventing them from spreading and causing major damage. □ Helps ensure personal safety by allowing immediate action during fire emergencies before professional help arrives. • Micro Circuit Breakers □ Automatically disconnect the electrical circuit when overload or short circuit conditions occur, protecting equipment from damage. • Concealed wiring □ Improves safety by protecting electrical wires inside walls, reducing the risk of electric shock, fire, or mechanical damage. • Emergency exit □ Provides a safe and quick evacuation route during emergencies such as fire, electrical faults, or chemical spills. • Stabilized electrical supply through UPS facility □ Provides uninterrupted power supply during power failures, ensuring that sensitive laboratory equipment continues to operate without shutdown. • Centralized Anti-virus software installed in the server serves all PCs in intranet □ Provides unified protection by automatically monitoring, scanning, and updating all PCs on the intranet from a single server, ensuring consistent security across the network. □ Prevents malware spreading within the intranet by detecting threats early and isolating infected systems before they affect other connected computers. • USB port disabled to avoid using pen drives □ Prevents unauthorized data transfer, ensuring that sensitive or confidential laboratory information cannot be copied or removed without permission. • CD drives not accessible □ Prevents unauthorized installation or copying of software/data, ensuring better security and control over the system's content.

4	Cloud computing and Data Analytics Laboratory	• Electrical earthing □ It is a crucial safety mechanism used to protect the equipment. It also helps to prevent electric shock, especially when there is an insulation failure or leakage current. □ Earthing also supports the proper operation of protective devices like fuses, MCBs, and RCCBs. • Fire extinguishers □ Used to quickly suppress and control small fires, preventing them from spreading and causing major damage. □ Helps ensure personal safety by allowing immediate action during fire emergencies before professional help arrives. • Micro Circuit Breakers □ Automatically disconnect the electrical circuit when overload or short circuit conditions occur, protecting equipment from damage. • Concealed wiring □ Improves safety by protecting electrical wires inside walls, reducing the risk of electric shock, fire, or mechanical damage. • Emergency exit □ Provides a safe and quick evacuation route during emergencies such as fire, electrical faults, or chemical spills. • Stabilized electrical supply through UPS facility □ Provides uninterrupted power supply during power failures, ensuring that sensitive laboratory equipment continues to operate without shutdown. • Centralized Anti-virus software installed in the server serves all PCs in intranet □ Provides unified protection by automatically monitoring, scanning, and updating all PCs on the intranet from a single server, ensuring consistent security across the network. □ Prevents malware spreading within the intranet by detecting threats early and isolating infected systems before they affect other connected computers. • USB port disabled to avoid using pen drives □ Prevents unauthorized data transfer, ensuring that sensitive or confidential laboratory information cannot be copied or removed without permission. • CD drives not accessible □ Prevents unauthorized installation or copying of software/data, ensuring better security and control over the system's content.
5	Visual Computing Laboratory	• Electrical earthing □ It is a crucial safety mechanism used to protect the equipment. It also helps to prevent electric shock, especially when there is an insulation failure or leakage current. □ Earthing also supports the proper operation of protective devices like fuses, MCBs, and RCCBs. • Fire extinguishers □ Used to quickly suppress and control small fires, preventing them from spreading and causing major damage. □ Helps ensure personal safety by allowing immediate action during fire emergencies before professional help arrives. • Micro Circuit Breakers □ Automatically disconnect the electrical circuit when overload or short circuit conditions occur, protecting equipment from damage. • Concealed wiring □ Improves safety by protecting electrical wires inside walls, reducing the risk of electric shock, fire, or mechanical damage. • Emergency exit □ Provides a safe and quick evacuation route during emergencies such as fire, electrical faults, or chemical spills. • Stabilized electrical supply through UPS facility □ Provides uninterrupted power supply during power failures, ensuring that sensitive laboratory equipment continues to operate without shutdown. • Centralized Anti-virus software installed in the server serves all PCs in intranet □ Provides unified protection by automatically monitoring, scanning, and updating all PCs on the intranet from a single server, ensuring consistent security across the network. □ Prevents malware spreading within the intranet by detecting threats early and isolating infected systems before they affect other connected computers. • USB port disabled to avoid using pen drives □ Prevents unauthorized data transfer, ensuring that sensitive or confidential laboratory information cannot be copied or removed without permission. • CD drives not accessible □ Prevents unauthorized installation or copying of software/data, ensuring better security and control over the system's content.
6	Programming Laboratory	• Electrical earthing □ It is a crucial safety mechanism used to protect the equipment. It also helps to prevent electric shock, especially when there is an insulation failure or leakage current. □ Earthing also supports the proper operation of protective devices like fuses, MCBs, and RCCBs. • Fire extinguishers □ Used to quickly suppress and control small fires, preventing them from spreading and causing major damage. □ Helps ensure personal safety by allowing immediate action during fire emergencies before professional help arrives. • Micro Circuit Breakers □ Automatically disconnect the electrical circuit when overload or short circuit conditions occur, protecting equipment from damage. • Concealed wiring □ Improves safety by protecting electrical wires inside walls, reducing the risk of electric shock, fire, or mechanical damage. • Emergency exit □ Provides a safe and quick evacuation route during emergencies such as fire, electrical faults, or chemical spills. • Stabilized electrical supply through UPS facility □ Provides uninterrupted power supply during power failures, ensuring that sensitive laboratory equipment continues to operate without shutdown. • Centralized Anti-virus software installed in the server serves all PCs in intranet □ Provides unified protection by automatically monitoring, scanning, and updating all PCs on the intranet from a single server, ensuring consistent security across the network. □ Prevents malware spreading within the intranet by detecting threats early and isolating infected systems before they affect other connected computers. • USB port disabled to avoid using pen drives □ Prevents unauthorized data transfer, ensuring that sensitive or confidential laboratory information cannot be copied or removed without permission. • CD drives not accessible □ Prevents unauthorized installation or copying of software/data, ensuring better security and control over the system's content.

7	CISCO Networking Laboratory	• Electrical earthing ☐ It is a crucial safety mechanism used to protect the equipment. It also helps to prevent electric shock, especially when there is an insulation failure or leakage current. ☐ Earthing also supports the proper operation of protective devices like fuses, MCBs, and RCCBs. • Fire extinguishers ☐ Used to quickly suppress and control small fires, preventing them from spreading and causing major damage. ☐ Helps ensure personal safety by allowing immediate action during fire emergencies before professional help arrives. • Micro Circuit Breakers ☐ Automatically disconnect the electrical circuit when overload or short circuit conditions occur, protecting equipment from damage. • Concealed wiring ☐ Improves safety by protecting electrical wires inside walls, reducing the risk of electric shock, fire, or mechanical damage. • Emergency exit ☐ Provides a safe and quick evacuation route during emergencies such as fire, electrical faults, or chemical spills. • Stabilized electrical supply through UPS facility ☐ Provides uninterrupted power supply during power failures, ensuring that sensitive laboratory equipment continues to operate without shutdown. • Centralized Anti-virus software installed in the server serves all PCs in intranet ☐ Provides unified protection by automatically monitoring, scanning, and updating all PCs on the intranet from a single server, ensuring consistent security across the network. ☐ Prevents malware spreading within the intranet by detecting threats early and isolating infected systems before they affect other connected computers. • USB port disabled to avoid using pen drives ☐ Prevents unauthorized data transfer, ensuring that sensitive or confidential laboratory information cannot be copied or removed without permission. • CD drives not accessible ☐ Prevents unauthorized installation or copying of software/data, ensuring better security and control over the system's content.
8	Cyber security Laboratory	• Electrical earthing ☐ It is a crucial safety mechanism used to protect the equipment. It also helps to prevent electric shock, especially when there is an insulation failure or leakage current. ☐ Earthing also supports the proper operation of protective devices like fuses, MCBs, and RCCBs. • Fire extinguishers ☐ Used to quickly suppress and control small fires, preventing them from spreading and causing major damage. ☐ Helps ensure personal safety by allowing immediate action during fire emergencies before professional help arrives. • Micro Circuit Breakers ☐ Automatically disconnect the electrical circuit when overload or short circuit conditions occur, protecting equipment from damage. • Concealed wiring ☐ Improves safety by protecting electrical wires inside walls, reducing the risk of electric shock, fire, or mechanical damage. • Emergency exit ☐ Provides a safe and quick evacuation route during emergencies such as fire, electrical faults, or chemical spills. • Stabilized electrical supply through UPS facility ☐ Provides uninterrupted power supply during power failures, ensuring that sensitive laboratory equipment continues to operate without shutdown. • Centralized Anti-virus software installed in the server serves all PCs in intranet ☐ Provides unified protection by automatically monitoring, scanning, and updating all PCs on the intranet from a single server, ensuring consistent security across the network. ☐ Prevents malware spreading within the intranet by detecting threats early and isolating infected systems before they affect other connected computers. • USB port disabled to avoid using pen drives ☐ Prevents unauthorized data transfer, ensuring that sensitive or confidential laboratory information cannot be copied or removed without permission. • CD drives not accessible ☐ Prevents unauthorized installation or copying of software/data, ensuring better security and control over the system's content.
9	General Safety Measures	• Lightning arresters are installed on the rooftops of all buildings. • Fire hydrants are installed on every floor of each building.

D3. Project Laboratory/Research Laboratory

The details of project laboratories available are mentioned in Table 7.5.1.

Table 7.5.1 List of project laboratory / research laboratory / Centre of Excellence

Sl. No	Name of the Laboratory	Name of the major equipment
1.	Cyber Security Laboratory [Centre of Excellence]	HP Commercial Desktop, PRO Tower 280 G9 MT, Intel Core i5 - 13500, 2.50 GHZ / 24MB / 14, Cores / 65 W 32GB, (2x16 GB) DDR4, 3200MHZ / 512GB 2280, PCIe NVMe SSD / DOS / HP P204V 19.5" LED Monitor / Intel H770 Chipset Series / Wi-Fi /BT / USB Keyboard /Mouse / 3 Years Onsite. – 33 Nos.
2.	Product Development Laboratory	HCL Desktop (Intel Core i3/ H55 / 250W ATX /4 GB DDR3 RAM / 500 GB SATA HDD) - 6 Nos.
3.	CISCO Networking Laboratory	HCL Desktop (Intel Core i3/ H55 / 250W ATX /4 GB DDR3 RAM / 500 GB SATA HDD) - 22 Nos. CISCO Routers • CISCO 2900 Series • CISCO 4200 Series • CISCO 1700 Series CISCO Switches • CISCO 2950 Series • CISCO 9200L Series • CISCO 2900 Series WAN Interface Card, CISCO 1721 Smart Interface Cable, Jack Panel, 8 port Switches, Impact Punch down tool, Cutter and Striper, D-Link Punching tool& Internet facility

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)	660	33	26	12	70
2024-25(CAYm1)	720	36	27	13	67
2025-26(CAY)	720	36	27	12	67

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	23426000	16530425	17060000	13880468	12825000	10253590	8300000	8247809
Library	430000	110182	580000	274424	450000	463553	325000	165987
Laboratory equipment	19822000	11971004	18297000	22135562	14365000	5753703	5263000	3583877
Teaching and non-teaching staff salary	172330000	99617568	126089000	132455285	1160000000	114738143	119580000	117551275
Outreach Programs	7700000	5387291	9628000	9554745	4000000	3939209	3100000	3198596
R&D	600000	448347	5600000	1073557	2000000	1358483	1000000	451052
Training, Placement and Industry linkage	11640000	6276467	11733000	9872295	9346000	5786240	8858000	8516392
SDGs	4050000	1742327	3750000	3645374	1250000	1256004	1260000	1029448

Entrepreneurship	100000	780	200000	187387	500000	164030	150000	140488
Others, specify	64455000	29399216	48711480	52546223	39106000	41070536	40850000	32569912
Total	304553000	171483607	241648480	245625320	1243842000	184783491	188686000	175454836

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	5000000	2993357	7000000	6210494	3875000	3098906	1350000	1111071
Software	50000	25441	50000	37086	20000	15420	25000	19038
SDGs	1500000	459515	0	0	0	0	0	0
Support for faculty development	200000	151509	50000	54203	70000	55064	50000	39912
R & D	1000000	828914	300000	281170	405000	323448	120000	94362
Industrial Training, Industry expert,	4000000	1655332	3000000	2585601	1725000	1377676	2300000	1828344
Miscellaneous Expenses*	80000000	33967824	60000000	49618818	45000000	37591768	37500000	31871240
Total	91750000	40081892	70400000	58787372	51095000	42462282	41345000	34963967