NATIONAL BOARD OF ACCREDITATION

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

Program Name : Artificial Intelligence and Data Science	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 1
Application No: 11540	**Date of Submission**: 20-02-2026

PART A- Profile of the Institute

A1.Name of the Institute: R.M.K.ENGINEERING COLLEGE	
Year of Establishment : 1995	Location of the Institute: Kavaraipettai
A2. Institute Address:R.S.M.NAGAR,KAVARAIPETTAI,GUMMIDIPOONDI TALUK,TIRUVALLUR DIST-601206.	
City:Tiruvallur	State:Tamil Nadu
Pin Code:601206	Website:WWW.RMKEC.AC.IN
Email:PRINCIPAL@RMKEC.AC.IN	Phone No(with STD Code):044-67906790
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: Autonomous CAY(2020-21)	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **11**
- No. of PG programs: **3**

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	Civil Engineering	2006	--	Civil Engineering
3	Engineering & Technology	UG	Computer Science and Business System	2020	--	Computer Science and Business System
4	Engineering & Technology	UG	Computer Science and Design	2021	--	Computer Science and Design
5	Engineering & Technology	UG	Computer Science and Engineering	1997	--	Computer Science and Engineering
6	Engineering & Technology	PG	Computer Science and Engineering	2004	--	Computer Science and Engineering
7	Engineering & Technology	UG	Electrical and Electronics Engineering	1995	--	Electrical and Electronics Engineering
8	Engineering & Technology	UG	Electronics & Communication Engineering	1995	--	Electronics and Communication Engineering

9	Engineering & Technology	UG	Electronics and Communication (Advanced Communication Technology)	2023	--	Electronics and Communication (Advanced Communication Technology)
10	Engineering & Technology	UG	Electronics Engineering (VLSI Design and Technology)	2023	--	Electronics Engineering (VLSI Design and Technology)
11	Engineering & Technology	UG	Information Technology	1999	--	Information Technology
12	Engineering & Technology	UG	Mechanical Engineering	1995	--	Mechanical Engineering
13	Engineering & Technology	PG	Power Electronics and Drives	2005	--	Electrical and Electronics Engineering
14	Management	PG	Master of Business Administration	2025	--	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
Computer Science and Business System	Yes	Computer Science and Business System	UG
Artificial Intelligence and Data Science	Yes	Artificial Intelligence and Data Science	UG
Civil Engineering	No	Civil Engineering	UG
Electrical and Electronics Engineering	No	Electrical and Electronics Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	UG

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

Allied Department/Cluster Name	Program Name	Program Level
Computer Science and Design	Computer Science and Design	UG
Information Technology	Information Technology	UG
Computer Science and Business System	Computer Science and Business System	UG
Computer Science and Engineering	Computer Science and Engineering	UG
Computer Science and Engineering	Computer Science and Engineering	PG

PART-B: Program information

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

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

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Artificial Intelligence and Data Science	UG	2020 / --	60	Yes	2025	180	2025	F.No. Southern/ 1-44639887343/2025/EOA Dated:30-04-2025	Applying first time	--	--	0	4

Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science	
Academic Year	**Sanctioned Intake**
2025-26	180
2024-25	120
2023-24	120
2022-23	60
2021-22	60
2020-21	60

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDIT
1	Computer Science and Business System	Computer Science and Business System	UG	2020 / --	60	No	NA	60	2020	F.No. Southern/ 1-7002951017/2020/EOA Dated:15-06-2020	Applying first time	--	--	0
2	Computer Science and Engineering	Computer Science and Engineering	UG	1997 / --	40	Yes	2023	240	2023	F.No. Southern/ 1-36492617781/2023/EOA Dated:10-06-2023	Granted accreditation for 3 years for the period (specify period)	2025	2028	5

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	**Sanctioned Intake**
2025-26	240
2024-25	240
2023-24	240
2022-23	180
2021-22	180
2020-21	180

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 ACCREDIT
3	Information Technology	Information Technology	UG	1999 / --	30	Yes	2001	120	2001	F.No. 730-52-267(E)/ET/97 Dated:22-06-2001	Granted accreditation for 3 years for the period (specify period)	2025	2028	6

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

4	Computer Science and Design	Computer Science and Design	UG	2021 / --	60	No	NA	60	2021	F.No. Southern/ 1-9322938194/2021/EOA Dated:10-07-2021	Not eligible for accreditation	--	--	0
5	Computer Science and Engineering	Computer Science and Engineering	PG	2004 / --	18	Yes	2023	9	2023	F.No. Southern/ 1-36492617781/2023/EOA Dated:10-06-2023	Eligible but not applied	--	--	0

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	**Sanctioned Intake**
2025-26	9
2024-25	9
2023-24	9
2022-23	18
2021-22	18
2020-21	18

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

A. Name of the HoD :	Dr. Sandra Johnson
B. Nature of appointment:	Regular
C. Qualification:	M.E. and Ph.D.

B3. Program Details

Table No.B3.1: Admission details for the program excluding those admitted through multiple entry and exit points.

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	180	120	120	60	60	60	0
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	180	120	120	60	58	60	0
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	8	4	5	5	1	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	6	6	3	3	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	134	127	68	63	61	0

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	180	6	103.33
2024-25 (CAYm1)	120	120	6	105.00
2023-24 (CAYm2)	120	120	3	102.50

Average [(ER1 + ER2 + ER3) / 3] = 103.61≡ 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).	65.00	61.00	0.00
B=No. of students who graduated from the program in the stipulated course duration	60.00	61.00	0.00
Success Rate (SR)= (B/A) * 100	92.31	100.00	0.00

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 96.16

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)	7.66	7.67	7.54
Y=Total no. of successful students	126.00	123.00	63.00
Z=Total no. of students appeared in the examination	126.00	123.00	63.00

API [X*(Y/Z)]	7.66	7.67	7.54

Average API[(AP1+AP2+AP3)/3] : 7.62

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)	7.59	7.61	7.99
Y=Total no. of successful students	127.00	68.00	62.00
Z=Total no. of students appeared in the examination	127.00	68.00	62.00
API [X * (Y/Z)]	7.59	7.61	7.99

Average API [(AP1 + AP2 + AP3)/3] : 7.73

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

Table No.B8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.67	7.69	8.29
Y=Total no. of successful students	68.00	62.00	61.00
Z=Total no. of students appeared in the examination	68.00	62.00	61.00
API [X*(Y/Z)]:	7.67	7.69	8.29

Average API [(AP1 + AP2 + AP3)/3] : 7.88

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	65.00	61.00	0.00
X=No. of students placed	49.00	32.00	0.00
Y=No. of students admitted to higher studies	5.00	22.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	83.08	88.52	0.00

Average Placement Index = (P_1 + P_2 + P_3)/3: 85.80 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. Sandra Johnson	XXXXXXX89M	M.E. and Ph.D.	Anna University	Compiler Optimization, Machine Learning	27/06/2007	18.7	Lecturer	Professor	02/01/2012	Regular	Yes		Yes
2	Dr. Shobha Rani P	XXXXXXX30B	M.E. and Ph.D.	Anna University	Artificial Intelligence, Deep Learning, Ontology	10/07/2024	1.6	Professor	Professor	10/07/2024	Regular	Yes		No
3	Dr. Manikandan G	XXXXXXX17H	M.E. and Ph.D.	Sathyabama University	Data Mining	15/07/2024	1.6	Professor	Professor	15/07/2024	Regular	Yes		No
4	Dr. Gladiss Merlin N R	XXXXXXX61C	M.Tech and Ph.D.	Anna University	Big Data	18/01/2023	3	Associate Professor	Associate Professor	18/01/2023	Regular	Yes		No
5	Dr. Sheeja R	XXXXXXX54F	M.Tech and Ph.D.	Anna University	Wireless Sensor Networks	30/05/2024	1.8	Associate Professor	Associate Professor	30/05/2024	Regular	Yes		No
6	Dr. Ponmalar A	XXXXXXX02L	M.E. and Ph.D.	Anna University	Machine Learning	08/06/2024	1.7	Associate Professor	Associate Professor	08/06/2024	Regular	Yes		No
7	Dr. Srijayanthi S	XXXXXXX68H	M.E. and Ph.D.	Anna University	Machine Learning	29/06/2006	19.7	Lecturer	Associate Professor	01/09/2023	Regular	Yes		No
8	Dr. Shanthi M	XXXXXXX75E	M.E. and Ph.D.	National Institute of Technology, Trichy	Natural Language Processing	07/08/2023	2.5	Associate Professor	Associate Professor	07/08/2023	Regular	Yes		No
9	Dr. Muthazhagan B	XXXXXXX92P	M.Tech and Ph.D.	Anna University	Image Processing, Big Data, AI and DL	14/02/2025	0.11	Associate Professor	Associate Professor	14/02/2025	Regular	Yes		No
10	Dr. Priyanka Pramila R	XXXXXXX61C	M.E. and Ph.D.	Sathyabama University	Bio-Imaging, Computational Genomics	15/11/2021	4.2	Assistant Professor	Associate Professor	01/12/2025	Regular	Yes		No
11	Mr. Stanlywit M	XXXXXXX22C	M.E.	Anna University	Computer Science and Engineering	03/01/2025	1	Associate Professor	Associate Professor	03/01/2025	Regular	Yes		No
12	Mr. Nagendiran S	XXXXXXX69R	M.E.	Sathyabama University	Computer Science and Engineering	20/07/2022	3.6	Assistant Professor	Associate Professor	01/12/2025	Regular	Yes		No

13	Mr. Dhanasekaran K T	XXXXXXX41Q	M.Tech	Manonmanium Sundaranar University	Computer Science and Engineering	02/09/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mrs. B Saratha	XXXXXXX90A	M.E.	Anna University	Computer Science and Engineering	01/08/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Ms. Vimala Josphine C	XXXXXXX13K	M.E.	Anna University	Computer Science and Engineering	01/08/2022	3.6	Assistant Professor	Associate Professor	01/12/2025	Regular	Yes		No
16	Ms. Ani Minisha R	XXXXXXX73K	M.E.	Anna University	Computer Science and Engineering	12/07/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mr. V.K.Sabarirajan	XXXXXXX18M	M.E.	Anna University	Software Engineering	01/04/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mr. Sathesh Abraham Leo E	XXXXXXX65G	M.E.	Manonmanium Sundaranar University	Computer Science and Engineering	18/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ms. E. Thenmozhi	XXXXXXX84P	M.E.	St. Peter's University	Computer Science and Engineering	18/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms. Devi R	XXXXXXX35R	M.E.	Anna University	Computer Science and Engineering	18/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Ms.B.Mythili	XXXXXXX51P	M.E.	St. Peter's University	Computer Science and Engineering	05/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Ms.Anusha Sanampudi	XXXXXXX68K	M.E.	Anna University	Computer Science and Engineering	01/06/2017	7.1	Assistant Professor	Assistant Professor		Regular	No	03/07/2024	No
23	Ms. R.Logeswari Saranya	XXXXXXX82L	M.Tech	Anna University	Information Technology	05/01/2023	1.5	Assistant Professor	Assistant Professor		Regular	No	29/06/2024	No
24	Ms.D.M.Divya	XXXXXXX54Q	M.E.	Anna University	Computer Science and Engineering (BIG DATA ANALYTICS)	02/08/2021	2.11	Assistant Professor	Assistant Professor		Regular	No	03/07/2024	No
25	Dr.M.Hemalatha	XXXXXXX89F	M.E. and Ph.D.	Anna University	Computer Science and Engineering	15/07/2022	1.11	Associate Professor	Professor	01/11/2023	Regular	No	10/07/2024	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. Chidambarathanu	XXXXXXX05F	XXXXXXXXX422	M.E. and Ph.D.	Anna University	Machine Learning	16/06/2003	22.7	Assistant Professor	Professor	04/01/2022	Regular	Yes		Yes
2	Dr. V. R. Kavitha	XXXXXXX83K	XXXXXXXXX805	M.E. and Ph.D.	Anna University	AI and MANET	02/03/2023	2.11	Associate Professor	Associate Professor	02/03/2023	Regular	Yes		No
3	Dr. P. Umaeswari	XXXXXXX24D	XXXXXXXXX311	M.E. and Ph.D.	St. Peter's Institute of Higher Education and Research	Network Security	08/08/2022	3.6	Associate Professor	Associate Professor	08/08/2022	Regular	Yes		No
4	Ms. S. Jhansi Ida	XXXXXXX14C	XXXXXXXXX941	M.E.	Anna University	Networks	13/09/2006	19.4	Assistant Professor	Associate Professor	03/01/2024	Regular	Yes		No
5	Mr. B. Jayaram	XXXXXXX79P	XXXXXXXXX578	M.E.	Anna University	AI	23/09/2021	4.4	Assistant Professor	Associate Professor	11/01/2024	Regular	Yes		No
6	Mr. C. M. Varun	XXXXXXX08F	XXXXXXXXX843	M.E.	Anna University of Technology, Tirunelveli	Cloud Security	01/08/2022	3.6	Assistant Professor	Associate Professor	11/01/2024	Regular	Yes		No
7	Ms. C. Mary Shiba	XXXXXXX93H	XXXXXXXXX524	M.E.	Anna University	AI	04/07/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mr. S. Anandaraj	XXXXXXX44H	XXXXXXXXX559	M.Tech	Kalinga University	Networks	15/05/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Ms. L. P. Sajitha	XXXXXXX94J	XXXXXXXXX653	M.E.	Anna University	Cryptography	03/08/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Ms. G. Nishanthi	XXXXXXX20R	XXXXXXXXX201	M.E.	Anna University	Networks	03/08/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Ms. M. Sindhu	XXXXXXX92E	XXXXXXXXX693	M.E.	Anna University	Computer Science and Engineering	11/02/2023	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Ms. C. Indhumathi	XXXXXXX09N	XXXXXXXXX818	M.E.	Anna University	System Engineering and Operation Research	02/08/2021	2.11	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
13	Dr.S.Thanga Ramya	XXXXXXX74N	XXXXXXXXX050	MS and PhD	Anna University	Data Mining	02/08/2021	4.6	Associate Professor	Professor	01/08/2022	Regular	Yes		No

14	Dr.Girija M S	XXXXXXX39P	XXXXXXXXX629	M.E. and Ph.D.	Anna University	Wireless Sensor Networks	06/05/2024	1.9	Associate Professor	Professor	01/08/2025	Regular	Yes		No
15	Dr.Praveena N	XXXXXXX03A	XXXXXXXXX072	M.Tech and Ph.D.	Pondicherry University	Cybersecurity	02/07/2025	0.7	Associate Professor	Associate Professor	02/07/2025	Regular	Yes		No
16	Ms.P.Meenakshi	XXXXXXX08K	XXXXXXXXX060	M.E.	Anna University	Network security, Deep learning	27/06/2025	0.7	Associate Professor	Associate Professor	27/06/2025	Regular	Yes		No
17	Dr. S.Uma Maheswari	XXXXXXX58P	XXXXXXXXX884	M.E. and Ph.D.	Anna University	Image Processing, Deep Learning	02/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mr.S. Bargunan	XXXXXXX14E	XXXXXXXXX642	M.E.	Anna University	Machine Learning	05/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ms. U.Archana	XXXXXXX07F	XXXXXXXXX859	M.E.	Anna University	Data Mining	12/10/2021	4.3	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms.E.Shimona	XXXXXXX63J	XXXXXXXXX801	M.E.	Anna University	Networking	10/07/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Mr. K.Sathees Kumar	XXXXXXX19J	XXXXXXXXX882	M.E.	Anna University	Natural Language Processing	30/05/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Ms.S.Subiksha	XXXXXXX21B	XXXXXXXXX178	M.E.	NITTTR, Chennai	Machine Learning	27/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Dr.S.Sudha Mercy	XXXXXXX53F	NA	M.E. and Ph.D.	Anna University	Artificial Intelligence	01/04/2023	2.1	Assistant Professor	Associate Professor	01/04/2024	Regular	No	28/05/2025	No
24	Ms.S.Mahalakshmi	XXXXXXX26M	NA	M.E.	Anna University	Sensor Networks	01/12/2022	2.7	Assistant Professor	Assistant Professor		Regular	No	12/07/2025	No
25	Ms.J.Divya	XXXXXXX88M	XXXXXXXXX218	M.E.	Anna University	Adhoc Networks	21/02/2020	6	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mr.M.Pradeep Kumar	XXXXXXX70D	NA	M.E.	Anna University	Internet Of Things	15/07/2024	0.10	Assistant Professor	Assistant Professor		Regular	No	28/05/2025	No
27	Mr. Noor Mohamed. I	XXXXXXX24G	NA	M.Tech	Veltech Dr.RR&Dr.SR Technical University	Cloud Computing	30/05/2024	0.11	Assistant Professor	Assistant Professor		Regular	No	28/05/2025	No
28	Dr. M. Sheerin Banu	XXXXXXX88D	XXXXXXXXX666	M.Tech and Ph.D.	Mother Theresa Womens University	Machine Learning, Image Processing	20/06/2019	6.7	Professor	Professor	20/07/2019	Regular	Yes		No
29	Dr. K. Manivannan	XXXXXXX09G	XXXXXXXXX322	M.Tech and Ph.D.	University of Madras	Theoretical Computation	18/04/2024	1.9	Professor	Professor	18/04/2024	Regular	Yes		No

30	Dr.Anandha Mala G S	XXXXXXX09C	XXXXXXXXX871	M.E. and Ph.D.	Anna University	NLP, Software Engineering	05/06/2025	0.7	Professor	Professor	05/06/2025	Regular	Yes		No
31	Dr. K. Saravanan	XXXXXXX34B	XXXXXXXXX205	M.E. and Ph.D.	Anna University	Network Security	04/07/2022	3.7	Associate Professor	Professor	01/02/2025	Regular	Yes		No
32	Dr. S. Selvakanmani	XXXXXXX34F	XXXXXXXXX861	M.E. and Ph.D.	Anna University	Wireless Networks, Data Science	23/06/2022	3.7	Associate Professor	Associate Professor	23/06/2022	Regular	Yes		No
33	Dr. T. Mahalingam	XXXXXXX36L	XXXXXXXXX744	M.Tech and Ph.D.	Sathyabama University	Advanced Digital Image Processing, Machine Learning	20/02/2023	2.11	Associate Professor	Associate Professor	20/02/2023	Regular	Yes		No
34	Dr. A. Vijayaraj	XXXXXXX66E	XXXXXXXXX279	M.E. and Ph.D.	Anna University	Networking	19/05/2023	2.8	Associate Professor	Associate Professor	19/05/2023	Regular	Yes		No
35	Dr. A. Anna Lakshmi	XXXXXXX78M	XXXXXXXXX926	M.E. and Ph.D.	Anna University	Network Security	09/10/2023	2.3	Associate Professor	Associate Professor	09/10/2023	Regular	Yes		No
36	Dr. R. Rajitha Jasmine	XXXXXXX53H	XXXXXXXXX767	M.E. and Ph.D.	Anna University	Machine Learning, Software Engineering	29/06/2006	19.7	Assistant Professor	Associate Professor	01/11/2023	Regular	Yes		No
37	Dr. A. Anu Monisha	XXXXXXX19L	XXXXXXXXX118	M.E. and Ph.D.	Anna University	Computer Networks	23/06/2025	0.7	Associate Professor	Associate Professor	23/06/2025	Regular	Yes		No
38	Dr. R. Poornima	XXXXXXX08L	XXXXXXXXX392	M.E. and Ph.D.	Anna University	Network Security, Machine Learning	19/05/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Mr. L. Vinoth Kumar	XXXXXXX46N	XXXXXXXXX648	M.E.	Anna University	Computer Science and Engineering	01/09/2012	13.5	Assistant Professor	Associate Professor	01/12/2025	Regular	Yes		No
40	Mr. N. Shanmugam	XXXXXXX35D	XXXXXXXXX549	M.E.	Anna University	Computer Science and Engineering	09/01/2013	13	Assistant Professor	Assistant Professor		Regular	Yes		No
41	Ms. M. Rekha	XXXXXXX47P	XXXXXXXXX837	M.E.	Anna University	Computer Science and Engineering	23/08/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
42	Ms. S. Shobana	XXXXXXX31K	XXXXXXXXX694	M.E.	Anna University	Computer Science and Engineering	01/07/2022	3.7	Assistant Professor	Associate Professor	01/12/2025	Regular	Yes		No
43	Ms. M. Kanniga Parameshwari	XXXXXXX51M	XXXXXXXXX649	M.Tech	Sathyabama University	Information Technology	23/06/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No

44	Ms. K. Selvi	XXXXXXX69J	XXXXXXXXX391	M.Tech	Sathyabama University	Information Technology	11/07/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
45	Ms. S. Nandhini	XXXXXXX23B	XXXXXXXXX393	M.E.	Anna University	Computer Science and Engineering	22/04/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
46	Ms. T. Akila	XXXXXXX28H	XXXXXXXXX264	M.E.	Anna University	Computer Science and Engineering	01/06/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
47	Mr. S. Nagarajan	XXXXXXX05N	XXXXXXXXX306	M.E.	Anna University	Computer Science and Engineering	10/07/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
48	Ms. R.Renuga Devi	XXXXXXX12C	XXXXXXXXX851	M.Tech	Anna University	Information Technology	20/01/2025	1	Assistant Professor	Assistant Professor		Regular	Yes		No
49	Dr. S .Radhika	XXXXXXX83B	NA	M.E. and Ph.D.	University of Madras	Image Processing	21/07/2005	18.11	Assistant Professor	Professor	01/12/2021	Regular	No	03/07/2024	No
50	Dr. M. Jayaprakash	XXXXXXX81H	NA	M.E. and Ph.D.	Anna University	Internet of Things	18/11/2022	1.7	Associate Professor	Associate Professor	18/11/2022	Regular	No	05/07/2024	No
51	Ms. R. Karthiga	XXXXXXX41E	NA	M.Tech	Sathyabama University	Information Technology	30/08/2022	1.10	Assistant Professor	Assistant Professor		Regular	No	03/07/2024	No
52	Dr. Sethukarasi T	XXXXXXX82J	XXXXXXXXX187	M.E. and Ph.D.	Anna University	Data Mining	10/12/2003	22.2	Assistant Professor	Professor	01/01/2014	Regular	Yes		No
53	Dr. Paulraj D	XXXXXXX71Q	XXXXXXXXX862	M.E. and Ph.D.	Anna University	Artificial Intelligence	15/07/2022	3.6	Professor	Professor	15/07/2022	Regular	Yes		No
54	Dr. Jaison B	XXXXXXX06B	XXXXXXXXX404	M.E. and Ph.D.	Anna University	Data Mining	27/06/2007	18.7	Assistant Professor	Professor	12/01/2021	Regular	Yes		No
55	Dr. Geetha C	XXXXXXX89J	XXXXXXXXX262	M.E. and Ph.D.	Manonmaniam Sundaranar University	Sensor Networks	22/06/2005	20.7	Assistant Professor	Professor	12/01/2021	Regular	Yes		No
56	Dr. Neelakandan S	XXXXXXX67E	XXXXXXXXX256	M.E. and Ph.D.	Anna University	Data Science and Human Computer Interaction	08/09/2021	4.4	Associate Professor	Professor	02/09/2024	Regular	Yes		No
57	Dr. Abitha Kumari D	XXXXXXX71N	XXXXXXXXX248	M.E. and Ph.D.	Anna University	Cognitive Radio Networks	09/06/2022	3.7	Associate Professor	Professor	02/12/2024	Regular	Yes		No
58	Dr. Thilagavathy A	XXXXXXX44R	XXXXXXXXX672	M.E. and Ph.D.	Anna University	Image Processing	27/06/2007	18.7	Assistant Professor	Associate Professor	01/09/2011	Regular	Yes		No

59	Dr. Kavitha P	XXXXXXX14E	XXXXXXXXX545	M.E. and Ph.D.	Anna University	Image Processing	15/09/2000	25.4	Assistant Professor	Associate Professor	03/01/2011	Regular	Yes		No
60	Dr. Ramesh T	XXXXXXX40G	XXXXXXXXX624	M.E. and Ph.D.	Sathyabama University	Cloud Computing	22/11/2008	17.2	Assistant Professor	Associate Professor	01/02/2019	Regular	Yes		No
61	Dr. Manikannan K	XXXXXXX24H	XXXXXXXXX312	M.E. and Ph.D.	Anna University	Internet of Things	07/10/2022	3.3	Associate Professor	Associate Professor	07/10/2022	Regular	Yes		No
62	Dr. Arthanareeswaran A	XXXXXXX67F	XXXXXXXXX748	M.E. and Ph.D.	Anna University	Networking	01/02/2011	15	Assistant Professor	Associate Professor	01/02/2019	Regular	Yes		No
63	Dr. Lalitha S D	XXXXXXX19P	XXXXXXXXX212	M.Tech and Ph.D.	Anna University	Image Processing	21/06/2004	21.7	Assistant Professor	Associate Professor	01/11/2023	Regular	Yes		No
64	Dr. Therasa P R	XXXXXXX64R	XXXXXXXXX296	M.E. and Ph.D.	Anna University	Software Engineering	18/07/2022	3.6	Associate Professor	Associate Professor	18/07/2022	Regular	Yes		No
65	Dr. Lakshmi Haritha Medida	XXXXXXX54H	XXXXXXXXX278	M.Tech and Ph.D.	Jawaharlal Nehru Technological University JNTU	Cloud Computing	17/08/2022	3.5	Associate Professor	Associate Professor	17/08/2022	Regular	Yes		No
66	Dr. Vasukidevi G	XXXXXXX71R	XXXXXXXXX616	M.E. and Ph.D.	Anna University	Networking	01/08/2024	1.6	Associate Professor	Associate Professor	01/08/2024	Regular	Yes		No
67	Dr. Mohanaprakash T A	XXXXXXX77P	XXXXXXXXX737	M.Tech and Ph.D.	Sathyabama University	Information Technology	13/06/2025	0.8	Associate Professor	Associate Professor	13/06/2025	Regular	Yes		No
68	Dr. R. Chithambaramani	XXXXXXX02R	XXXXXXXXX505	M.E. and Ph.D.	Anna University	Cloud Computing, Algorithms	05/06/2025	0.7	Associate Professor	Associate Professor	05/06/2025	Regular	Yes		No
69	Dr. Naveen Raju D	XXXXXXX41J	XXXXXXXXX010	M.Tech and Ph.D.	Anna University	Medical Image processing	17/08/2022	3.5	Associate Professor	Associate Professor	17/08/2022	Regular	Yes		No
70	Mr. Vijaya Kumar S	XXXXXXX61R	XXXXXXXXX378	M.E.	Anna University	Database Management Systems	06/01/2003	23.1	Assistant Professor	Associate Professor	06/01/2011	Regular	Yes		No
71	Dr. Geetha R	XXXXXXX04H	XXXXXXXXX203	M.E. and Ph.D.	Anna University	Cloud Computing	03/06/2024	1.8	Associate Professor	Associate Professor	03/06/2024	Regular	Yes		No
72	Mr. John Berkmans T	XXXXXXX40G	XXXXXXXXX230	M.Tech	Sathyabama University	Machine Learning	25/03/2024	1.10	Associate Professor	Associate Professor	25/03/2024	Regular	Yes		No

73	Dr. Banupriya N	XXXXXXX62L	XXXXXXXXX842	M.E. and Ph.D.	Anna University	Data Mining	02/06/2012	13.8	Assistant Professor	Associate Professor	01/12/2025	Regular	Yes		No
74	Ms. Jasmine Gilda A	XXXXXXX10P	XXXXXXXXX354	M.E.	Anna University	Data Mining	01/06/2015	10.8	Assistant Professor	Assistant Professor		Regular	Yes		No
75	Mr. Prabhu V	XXXXXXX57N	XXXXXXXXX297	M.E.	Anna University	Internet of Things	06/05/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
76	Mr. Kirubakaran D	XXXXXXX59F	XXXXXXXXX109	M.E.	Anna University	Programming Languages	09/01/2013	13.1	Assistant Professor	Assistant Professor		Regular	Yes		No
77	Ms. Sumitha T	XXXXXXX04B	XXXXXXXXX453	M.E.	Anna University	Image Processing	21/02/2020	5.11	Assistant Professor	Assistant Professor		Regular	Yes		No
78	Ms. Baby Shamini P	XXXXXXX00D	XXXXXXXXX820	M.E.	Anna University	Data Analytics	06/08/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
79	Ms. Ilampiray P	XXXXXXX09Q	XXXXXXXXX325	M.Tech	Sastra University	Data Analytics	13/08/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
80	Ms. Sajithra S	XXXXXXX45B	XXXXXXXXX973	M.E.	Anna University	Data Analytics	18/08/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
81	Ms. Bharathi B	XXXXXXX09F	XXXXXXXXX408	M.E.	Anna University	Machine Learning	08/09/2021	4.4	Assistant Professor	Assistant Professor		Regular	Yes		No
82	Ms. Rohini S	XXXXXXX56B	XXXXXXXXX941	M.E.	Anna University	Artificial Intelligence, Machine Learning	01/07/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
83	Ms. Gayathri S	XXXXXXX36H	XXXXXXXXX777	M.E.	Anna University	Computer Vision	25/07/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
84	Ms. Deepa R	XXXXXXX41L	XXXXXXXXX976	M.Tech	Anna University	Data Analytics	01/08/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
85	Ms. Haritha V	XXXXXXX46J	XXXXXXXXX445	M.E.	Anna University	Artificial Intelligence	29/08/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
86	Mr. Vel Murugesh Kumar N	XXXXXXX67A	XXXXXXXXX780	M.E.	Annamalai University	Machine Learning	03/11/2022	3.3	Assistant Professor	Associate Professor	01/12/2025	Regular	Yes		No
87	Mr. Latha J	XXXXXXX43A	XXXXXXXXX488	M.E.	Anna University	Data Analytics	10/08/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
88	Ms. Maheswari B	XXXXXXX31R	XXXXXXXXX359	M.E.	Anna University	Artificial Intelligence	21/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
89	Ms. Kanimozhi S	XXXXXXX97P	XXXXXXXXX762	M.E.	Avinashilingam University	Network Security	20/05/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
90	Mr. Vengateshwaran M	XXXXXXX76A	XXXXXXXXX315	M.E.	Anna University	Big Data Analytics, High Performance Computing	28/06/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No

91	Ms. Soniya M	XXXXXXX19A	XXXXXXXXX074	M.Tech	Anna University	Networking, Image Processing	01/07/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
92	Ms. Jayalakshmi K	XXXXXXX04C	XXXXXXXXX120	M.E.	Anna University	Artificial Intelligence	02/09/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
93	Ms. Ganga Devi P	XXXXXXX11J	XXXXXXXXX753	M.Tech	Kalasalingam University	Internet of Things	02/07/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
94	Mr. Thiyagarajan M	XXXXXXX81M	XXXXXXXXX084	M.Tech	SRM University	Information Security	06/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
95	Ms. Annal Priyadarshini D	XXXXXXX57M	XXXXXXXXX689	M.E.	Anna University	Artificial Intelligence	09/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
96	Mr. Vijayabharathi R	XXXXXXX04K	XXXXXXXXX197	M.E.	Annamalai University	Network Security	09/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
97	Ms. Mangala Priya S	XXXXXXX54C	XXXXXXXXX414	M.E.	Anna University	Artificial Intelligence, Deep Learning	02/07/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
98	Ms. Nandhini P S	XXXXXXX81P	XXXXXXXXX844	M.E.	Anna University	Database Management Systems	01/07/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
99	Ms. Ramya P	XXXXXXX18C	XXXXXXXXX089	M.E.	Anna University	Deep learning and Image Processing	02/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
100	Dr. Sathiamoorthy J	XXXXXXX30F	NA	M.Tech and Ph.D.	Manonmanian Sundaranar University	Adhoc Network	01/08/2022	2.9	Associate Professor	Professor	01/11/2023	Regular	No	28/05/2025	No
101	Dr. Jeno Jasmine J	XXXXXXX55N	XXXXXXXXX751	M.E. and Ph.D.	Anna University	Optical Networks	08/08/2022	2.9	Associate Professor	Associate Professor	08/08/2022	Regular	No	28/05/2025	No
102	Dr. Renuga Devi R	XXXXXXX26J	NA	M.E. and Ph.D.	Anna University	Cloud Computing	24/08/2022	1.10	Associate Professor	Associate Professor	24/08/2022	Regular	No	29/06/2024	No
103	Mr. Murugan P	XXXXXXX79H	NA	M.E.	Anna University	Machine Learning	05/06/2024	0.11	Assistant Professor	Assistant Professor		Regular	No	28/05/2025	No
104	Ms. Ramya Devi K	XXXXXXX77G	NA	M.Tech	Anna University	Network Security	15/11/2021	4	Assistant Professor	Assistant Professor		Regular	No	14/11/2025	No
105	Mr. Joel J	XXXXXXX65J	NA	M.Tech	Anna University	Wireless Sensor Networks	18/07/2024	0.11	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No
106	Mr.Ramalingam D	XXXXXXX88R	NA	M.E.	Anna University	Internet of Things	03/09/2022	1.6	Assistant Professor	Assistant Professor		Regular	No	23/03/2024	No
107	Dr. Selvi S	XXXXXXX10A	XXXXXXXXX343	M.E. and Ph.D.	Sathyabama University	Soft Computing	15/11/2001	24.2	Assistant Professor	Professor	12/01/2021	Regular	Yes		No

108	Dr. Karthikeyan M P	XXXXXXX73J	XXXXXXXXX609	M.Tech and Ph.D.	Anna University	Cloud Computing	18/07/2019	6.6	Assistant Professor	Assistant Professor		Regular	Yes		No
109	Ms. Sindhuja K	XXXXXXX14L	XXXXXXXXX900	M.E.	Anna University	Cloud Computing	07/09/2020	5.4	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	128	124	65
UG1.C	124	65	65
UG1.D	65	65	61
UG1: Artificial Intelligence and Data Science	**317**	**254**	**191**
UG2.B	61	60	63
UG2.C	60	63	61
UG2.D	63	61	0
UG2: Computer Science and Design	**184**	**184**	**124**
UG3.B	124	123	126
UG3.C	123	126	64
UG3.D	126	64	62
UG3: Information Technology	**373**	**313**	**252**
UG4.B	256	253	194
UG4.C	253	194	197
UG4.D	194	197	194
UG4: Computer Science and Engineering	**703**	**644**	**585**

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG5.B	60	61	63
UG5.C	61	63	63
UG5.D	63	63	60
UG5: Computer Science and Business System	**184**	**187**	**186**
DS=Total no. of students in all UG and PG programs in the Department	317	254	191
AS=Total no. of students of all UG and PG programs in allied departments	1462	1346	1174
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 1779	**S2=** 1600	**S3=** 1365
DF=Total no. of faculty members in the Department	21	13	11
AF= Total no. of faculty members in the allied Departments	94	83	70
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 115	**F2=** 96	**F3=** 81
FF=The faculty members in F who have a 100% teaching load in the first-year courses	5	5	5
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 16.17**	**SFR2= 17.58**	**SFR3= 17.96**
Average SFR for 3 years	**SFR= 17.24**		

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)	46	69	88.00	20.91
2024-25(CAYm1)	42	54	79.00	20.13
2023-24(CAYm2)	33	48	68.00	19.19

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	9.00	17.00	19.00	28.00	59.00	70.00

2024-25	8.00	13.00	17.00	29.00	53.00	54.00
2023-24	7.00	10.00	15.00	22.00	45.00	49.00
Average	RF1=8.00	AF1=13.33	RF2=17.00	AF2=26.33	RF2=52.33	AF2=57.67

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Rajagopalan R V	Adjunct Faculty	FORD Motor Private Limited, Chennai	22ME311 - Product Development Lab 3	24.00
2	Rajagopalan R V	Adjunct Faculty	FORD Motor Private Limited, Chennai	22ME311 - Product Development Lab 4	32.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Rajagopalan R V	Adjunct Faculty	FORD Motor Private Limited, Chennai	20CS513 - Mini Project and Design Thinking Lab	16.00
2	Rajagopalan R V	Adjunct Faculty	FORD Motor Private Limited, Chennai	20AI712 - Project Phase - I	16.00
3	Rajagopalan R V	Adjunct Faculty	FORD Motor Private Limited, Chennai	20ME411 - Product Development Lab 4	24.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Rajagopalan R V	Adjunct Faculty	FORD Motor Private Limited, Chennai	20CS513 - Mini Project and Design Thinking Lab	16.00
2	Rajagopalan R V	Adjunct Faculty	FORD Motor Private Limited, Chennai	22CS411 - Internet Programming Lab	16.00
3	Rajagopalan R V	Adjunct Faculty	FORD Motor Private Limited, Chennai	20AI602 - Smart Mobile Application Development Lab	24.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	13	7	4
2	No. of peer reviewed conference papers published	40	19	10
3	No. of books/book chapters published	16	6	1

C7. Sponsored Research Project

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr.A.Ponmalar	Dr.R.Priyanka Pramila	Department of Artificial Intelligence and Data Science	Remote Sensing and Environmental Monitoring	Tamil Industries, NO.53, Santhosh colony, Chetimedu village, Vadaperumbakkam, Chennai - 600060	5 Months	1.02
Dr.Sandra Johnson	NA	Department of Artificial Intelligence and Data Science	BeltIQ - Innovative Predictive maintenance for Conveyor systems.	Yukthi Innovation Challenge 2023, IR2024-896414	15/4/24	4.00
Dr.S.Sri Jayanthi	NA	Department of Artificial Intelligence and Data Science	Wattexchange - Peer to Peer energy trading platform.IDEATN016432	MSME, New Delhi, IDEATN016432	14/03/2024	15.00
						Amount received (Rs.):20.02

(CAYm2)

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: 20.02

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.G Manikandan	NA	Department of Artificial Intelligence, R.M.K Engineering College	Website Design and Development Services	Golden Scans 1704,13th Main Road,Anna Nagar, Chennai- 600040	1 Month	0.75
Dr.P.Shobha Rani	NA	Department of Artificial Intelligence, R.M.K Engineering College	Website Development and Maintenance	IS Integrators Ambattur Estate, Sp152 4th Lane, Sp152 4th Laneist Main Road, Ambattur Industrial Estate, Chennai-600058	5 months	1.50
Dr. N R Gladiss Merlin	NA	Department of Artificial Intelligence, R.M.K Engineering College	Stock Maintenance Software	FX5 International Private Limited No.6, Ganga street, Rambatchi nagar, chrompet chennai tn 600044	6 Months	0.75
Dr. M Shanthi	NA	Department of Artificial Intelligence, R.M.K Engineering College	Stock Maintenance and Billing Software	Apzem India Engineering,No 52,3rd Floor, Tejaneelu Towers, Oragadam Road, Ambattur, Chennai - 600053.	9 Months	1.00
Dr. R Sheeja	NA	Department of Artificial Intelligence, R.M.K Engineering College	Predictive Modeling in Steel Industry	Ganapathy Engineering Works,No:22/23, CTH Road, Thiruninravur -602024,Thiruvallur District	1 Month	0.52
Dr.R.Priyanka Pramila	NA	Department of Artificial Intelligence, R.M.K Engineering College	Stock Maintainence	SKG Foods And Beverages Biriyani Brothers No.14,Balaji Complex,Tada Check Post, Karur,Tada,Tirupathi-524401	5 Months	1.02
Mr. S Nagendiran	NA	Department of Artificial Intelligence, R.M.K Engineering College	Stock Maintenance	Kurunji Organics and Naturals 126/2, Vellalar Street,opp Mangali EriPark,V.G.P. Nagar,Mogappair,Chennai-600037	8 Months	0.75
Ms. C Vimala Josphine	NA	Department of Artificial Intelligence, R.M.K Engineering College	Creating Stock Maintenance software	Raja Consultancy Services,No.01, PlotNo.214, Kuppuswamy Street, G.G Nagar, Nerkundram, Chennai-600107.	6 Months	0.75
Ms. B Saratha	NA	Department of Artificial Intelligence, R.M.K Engineering College	Point of Sale Software	R.V.S.Enterprises New N0;220/95 M.S.Koil Street ,Chennai - 600013	4 Months	0.60
Dr.Sandra Johnson	NA	Department of Artificial Intelligence, R.M.K Engineering College	Inventory Management Systems	Sakthi Industries, 39/1156, Jeevan Bhima Nagar, Anna Nagar Extension, Chennai-600101	5 Months	0.75
Dr.S.Sri Jayanthi	NA	Department of Artificial Intelligence, R.M.K Engineering College	Inventory Management Systems	Sakthi Industries, 39/1156, Jeevan Bhima Nagar, Anna Nagar Extension, Chennai-600101	5 Months	0.75
						Amount received (Rs.):9.14

(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
Mr.S. Nagendiran	NA	Department of Artificial Intelligence, R.M.K Engineering College	Creating Stock Maintenance Software	Zion Steel Furniture	6 months	0.51
Dr.S.Sri Jayanthi	NA	Department of Artificial Intelligence, R.M.K Engineering College	Inventory Management Software	Sakthi Industries	3 months	0.50
Dr.M.Hemalatha	NA	Department of Artificial Intelligence, R.M.K Engineering College	Production Performance Monitoring Application	Vee Vee Industries	3 Months	0.50
						Amount received (Rs.):1.51

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr.S.Sri Jayanthi	Dr. Sandra Johnson	Department of Artificial Intelligence and Data Science	Web site and Payroll Software	Sakthi Industries	4 months	0.50
Ms.C.Vimala Josphine	NA	Department of Artificial Intelligence and Data Science	Web Page Development	Geo Industry	03 Months 25 Days	0.26
Mr.S.Nagendiran	NA	Department of Artificial Intelligence and Data Science	Website and Stock Maintenance	Sri Murugan Steel Furniture	03 Months 25 Days	0.26
Ms.Anusha Sanampudi	NA	Department of Artificial Intelligence and Data Science	Web based Stock automation	SKG FOODS & BEVERAGES,No 14,Balaji Complex,Tada CheckPost,Karur,Tada,Nellore	3 Months	1.00
						Amount received (Rs.):2.02

Total amount (Lacs) received for the past 3 years: 12.67

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. G Manikandan	Leaf Disease Detection Using Machine Learning	1 day	1.24	1.20	Paper Publication
Dr. G Manikandan	Foot Pressure Analysis for Diabetic Care	1 day	1.03	0.99	Paper Publication
Dr. Sandra Johnson	Dashboard to monitor Digital Water Level Recorders (DWLRs) - SIH 2024	2 days	0.12	0.12	Working models
Dr. M Shanthi	Lets Learn Constitution in a Simpler Manner - Institution Perspective / SIH 2024	2 days	0.28	0.28	Working models
Dr. G Manikandan	Automated Injury Detection and Alert Systems in Public Transportation Integrating IoT with CNN	2 days	0.45	0.45	Paper Publication
Dr. N R Gladiss Merlin	Pictoquizezz: Engaging Cognitive Learning	6 months	0.45	0.45	Paper Publication
Dr M Shanthi	Automatic Handwritten Number reader	6 months	0.60	0.60	Working models
Dr. R Sheeja	Predictive Modeling in Steel Industry	1 Month	0.31	0.31	Working models
Dr.R.Priyanka Pramila	Breast Cancer Detection and Classification	5 Months	0.61	0.61	Paper Publication
Mr. S Nagendiran	Smart Mirror	8 Months	0.45	0.45	Working models
			Amount received (Rs.): 5.54		

(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 Sandra Johnson	BeltQ – Automatic Fault Detection in conveyor belts in coal mines / SIH 2023	2 days	0.49	0.49	Working models
Dr.R.Priyanka Pramila	Upskilling in Quantum & AI	12 months	2.19	2.19	Introduced new Honours degree on Quantum Intelligence and Computational Sciences
Mr.S.Nagendiran	ResQfeed: Enepowering communities through optimized food recycling	6 months	0.31	0.31	Paper Publication
Dr.S.Sri Jayanthi	Aerial Location of Hazardous Atmosphere in Industries	2 days	0.10	0.10	Working model
			Amount received (Rs.): 3.09		

(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.Sri Jayanthi	Mema –Medical Emergency and Management Application	3 months	0.30	0.30	Paper Publication
Ms C Vimala Josphine	Sensor based smart irrigation system	3 months	0.16	0.16	Working Model
Dr M Hemalatha	VAGON – A Queue Management System for Indian Bus Stands	3 months	0.30	0.30	Patent
			Amount received (Rs.): 0.76		

Total amount (Lacs) received for the past 3 years : 9.39

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	Machine Learning Lab / Deep Learning Lab/Natural Language Processing	33	HP Z1 TWR G9 IDS WKS-C19-12900 / 16GB RAM / 512 GB SSD / "27" LCD Monitor / HP Keyboard HP Mouse	Odd/Even Sem	Mr.T.L.Saravana Kumar	Lab Asst.	D.C.E
2	Advanced Java Programming / Web Development Framework Lab / Frame	32	Apple Systems 21.5" Quad-Core i5 2.7 GHz / 8 GB RAM / 1 TB HDD / Intel Iris Pro Graphics / Wireless Keyboard / Apple Keyboard & Mouse	Odd/Even Sem	Ms.G.Devipriya	Lab Asst	B.Tech
3	Artificial Intelligence And Decision Making/ Foundations Of Data Science	33	HP Z1 TWR G9 IDS WKS-C19-12900 / 16GB RAM / 512 GB SSD / "27" LCD Monitor / HP Keyboard HP Mouse	Odd/Even Sem	Mr.A.Muthuraj	Lab Asst.	D.C.E

4	Cloud Application Development And Management / Database Management	33	Intel Core I9 14900 / 32GB RAM/ 1 TB HDD / 256GB SSD / HP P24 G5 Monitor	Odd / Even Se	Mr.S.Padmanaban	Junior System Administrat	M.C.A
5	De Data Exploration,Feature Engineering And Visualization	34	HP Z1 TWR G9 IDS WKS-C19-12900 / 16GB RAM / 512 GB SSD / "27" LCD Monitor / HP Keyboard HP	Odd / Even Se	Ms.S.Parimala	Lab Asst.	B.Tech
6	Operating Systems Lab/Design And Analysis Of Algorithms / Mlops	34	HP Z1 TWR G9 IDS WKS-C19-12900 / 16GB RAM / 512 GB SSD / "27" LCD Monitor / HP Keyboard HP	Odd/Even Sem	Mr.A.Muthuraj	Lab Asst.	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
1	Machine Learning Lab / Deep Learning Lab/Natural Language Processing Advanced Java Programming / Web Development Framework Lab/Frame Works For Data Alalytics	First Aid Preparedness: The laboratory is equipped with a well-stocked first aid kit, ensuring immediate medical assistance in case of accidents or health emergencies. This kit contains essential medical supplies to handle minor injuries or emergencies while waiting for professional help. Fire Safety Measures: Fire extinguishers are strategically placed within the laboratory to combat any fire-related incidents. Backup Power Supply: An electricity generator with a capacity of 1105 KVA and UPS power backup of 320 KVA is housed inside the campus, ensuring that the laboratory can maintain an uninterrupted power supply during outages. Electrical Safety: The laboratory is equipped with Miniature Circuit Breakers (MCBs) at all electrical installations. These devices protect the laboratory's electrical systems from overloads or short circuits by cutting off power during electrical faults. Earth Connection Systems: Sufficient earth connections are provided across all electrical systems to minimize the risk of electric shocks and ensure the overall safety of both equipment and users. Periodic Electrical Inspections: All electrical equipment and installations undergo regular inspections and testing to ensure they are functioning correctly and safely. This preventive maintenance reduces the risk of electrical hazards and prolongs the lifespan of the equipment. CCTV Camera: CCTV cameras are installed in the laboratories to ensure the safety of equipment. Safety Guidelines for Students: A list of "Do's and Don'ts" is prominently displayed within the laboratory, providing students with clear instructions on how to safely operate equipment and conduct experiments.

D3. Project Laboratory/Research Laboratory

7.5 Project Laboratory/Research Laboratory /Centre of Excellence (20)

(Provide details of laboratories for supporting projects, research, Centre of Excellence, innovation, and startups etc. Please do not give duplicate data from the sections 7.1 and 7.2.)

The Department of Artificial Intelligence and Data Science has established dedicated project and research laboratories to promote research culture, innovation, consultancy activities, and industry-oriented project development. These facilities extend beyond regular curriculum laboratories and support advanced computing, data analysis, machine learning experimentation, and real-time application development.

The project and research laboratories are actively utilized for undergraduate projects, faculty research, in recent and advanced domains of computer science and Artificial Intelligence. These facilities encourage innovation, hands-on learning, and collaborative research with industry and academic partners.

The availability of these laboratories strengthens experiential learning, supports outcome-based education, and enhances the department's capabilities in research, consultancy, and industry-driven project development.

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

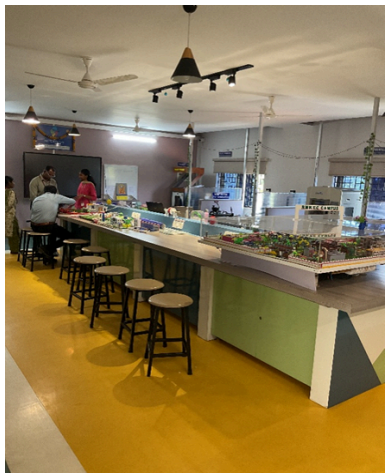
The Project Laboratory, Research Laboratory, and Centre of Excellence collectively support the attainment of Program Outcomes and Program Specific Outcomes by enabling students to apply modern tools, develop intelligent solutions, and engage in collaborative and interdisciplinary projects.

S. No.	Facility Name	Details of Equipment's	Reason for Creating	Utilization
1	Artificial Intelligence And Data Analytics – CoE Laboratory	HP Z1 TWR G9 WKS INTEL CORE I9 -14900 -5.80 GHZ 32 GB DDR5 RAM 24' Monitor	The primary objective of Artificial Intelligence and Data Analytics CoE Lab is to offer comprehensive training in Artificial Intelligence and Data Science based software development.	The utilization of the AI and Data Analytics Lab is high, as many students are showing interest to work on AI based applications. And also, there is an equal amount of utilization for Data Analytics training sessions.
2	Idea Lab 1,2 & 3	• Projects using Arduino • https://www.rmkec.ac.in/2023/aicte_idea/aicte-idea-lab-2/ (https://www.rmkec.ac.in/2023/aicte_idea/aicte-idea-lab-2/) • Carving & Engraving Machine • CO2 Laser Cutting • 3D Printers	The IDEA Lab empowers students to Explore, Experience, and Excel through hands-on learning. It promotes creativity, innovation, and practical problem solving.	It provides infrastructure for faculty to support multi-disciplinary teaching and research. It helps students and professors develop solutions and projects within their own disciplines.
3	AR & VR Lab	Equipments: INTEL I9 - 12th Gen, GPU RTX 3060, RAM 16GB, SSD 512 GB	• To enable immersive visualization of complex data and AI models. •	They also support hands-on experience in design, prototyping, and real-world problem-solving across domains like manufacturing, healthcare, and architecture.

4	Robotics Laboratory	The robotics laboratory is equipped with industrial robotic arms, mobile robot platforms, microcontrollers (Arduino, Raspberry Pi), sensors (IR, ultrasonic, vision cameras), actuators (servo and stepper motors), embedded development kits.	The lab is established to provide hands-on experience in robotics, automation, and intelligent systems. It bridges the gap between theoretical concepts and real-world applications, supports interdisciplinary learning (mechanical, electronics, computer science), and fosters innovation, research, and industry readiness among engineering students.	The lab is utilized for academic practical sessions, student projects, research and development activities, robotics competitions, and prototyping. It enables students to design, simulate, and implement robotic solutions for real-world problems such as automation, surveillance, healthcare, and manufacturing.
5	Information Security Laboratory	The Information Security Lab is equipped with high-performance computers, secure network infrastructure, firewalls, intrusion detection/prevention systems (IDS/IPS), vulnerability assessment tools.	The lab is established to provide practical exposure to cybersecurity concepts such as network security, cryptography, ethical hacking, and digital forensics. It helps students understand real-world security threats, vulnerabilities, and defense mechanisms, thereby preparing them for roles in cybersecurity and safeguarding digital assets.	The lab is utilized for conducting practical sessions, security testing exercises, ethical hacking workshops, research in cybersecurity, and student projects.
6	Research & Project / CoE Lab	HP Z2 Tower G5 TWR i9-10900 / 16 GB RAM / 8 GB Graphics / 27” Monitor	Research / Project labs and Centre of Excellence are established to promote innovation, advanced technical skills, and interdisciplinary learning. They bridge the gap between theory and real-world applications by providing exposure to emerging technologies and industry practices. They also support research culture and industry collaboration.	These facilities are used for student projects, research work, and prototype development in advanced domains. They support internships, industry-sponsored projects, and research publications. They are also utilized for workshops, hackathons, and skill development activities.

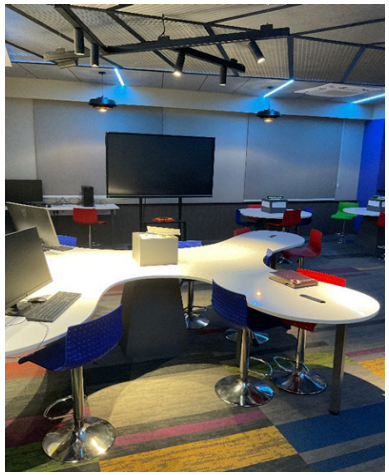
Artificial Intelligence Lab (CoE)

Idea Lab 1



Idea Lab 2

Idea Lab 3



AR & VR Lab

Robotics Lab

Robotics Lab

Information Security Lab

7.5.1 Dedicated Project Laboratory

The Department of Artificial Intelligence and Data Science provides a dedicated project laboratory to support undergraduate capstone projects and research-oriented activities. The laboratory offers a collaborative environment where students can design, develop, and test intelligent systems and data-driven applications. It enables hands-on learning and supports the complete project lifecycle, including data collection, model development, testing, and deployment.

Facilities Available:

The laboratory is equipped with high-performance computer systems and reliable internet connectivity to support advanced computing and research activities. It provides access to machine learning and deep learning frameworks for efficient model development and experimentation. Data analytics and visualization software are available to facilitate effective data analysis and insight generation. Cloud computing platforms and database systems are provided to ensure scalable storage and processing capabilities.

Academic Impact:

The available facilities enable project-based learning aligned with PO3 (Design and Development of Solutions). They promote team-based problem solving and collaborative development among students. The lab supports model training, testing, and simulation-based validation processes. It enhances students' practical knowledge in artificial intelligence and data science applications. Furthermore, it improves industry readiness and strengthens the employability skills of students.

7.5.2 Research Laboratory – Advanced Computing Facility

To promote research, innovation, and consultancy in the domains of Artificial Intelligence and Data Science, the department provides a dedicated Advanced Computing Facilities. This facility supports computationally intensive tasks such as machine learning model training, deep learning experimentation, big data processing, and simulation-driven research. The infrastructure enables students and faculty members to perform advanced analytics and develop intelligent solutions for real-world applications.

Infrastructure:

The infrastructure comprises high-performance systems powered by Intel i9 processors, equipped with 16 GB RAM (expandable for advanced computing needs), dedicated GPU support for AI and deep learning tasks, high-speed network connectivity, and centralized storage with remote desktop access to ensure efficient and scalable computing.

Software Ecosystem:

The software ecosystem includes machine learning and deep learning frameworks such as TensorFlow and PyTorch using Python, along with data analytics and visualization tools, big data processing frameworks, database management systems, cloud computing platforms, and specialized libraries for natural language processing, computer vision, and statistical analysis.

Unique Features:

The lab offers access for seamless research and project execution, support for funded research and consultancy, enablement of computationally intensive capstone projects, and a collaborative environment for advanced experimentation.

Measurable Outcomes:

The measurable outcomes include a significant increase in AI and data science-based projects, enhanced research and consultancy output, improved adoption of modern computational tools, strengthened attainment of PO5 (Modern Tool Usage), and higher student participation in research, innovation, and interdisciplinary activities.

7.5(B) Additional facilities created for improving the Quality of Project

Centre of Excellence (CoE) in Artificial Intelligence and Data Science

The Department of Artificial Intelligence and Data Science has established a Centre of Excellence (CoE) in Artificial Intelligence and Data Science to promote advanced research, industry collaboration, and technology-driven innovation. The CoE focuses on emerging areas such as machine learning, deep learning, data analytics, intelligent automation, and real-time AI applications. It serves as a platform for students and faculty to engage in industry-relevant projects, research activities, and skill development aligned with current technological trends.

1. Establishment & Industry Collaboration

• Knowledge Partner:

The lab is supported by Cognizant Technology Solutions as a knowledge partner in AI and Data Science domains, enabling industry-aligned technical training programs, expert guest lectures, internship and project opportunities, and certification-driven skill development initiatives for students.

The collaboration strengthens industry alignment and enhances employability in Artificial Intelligence, Data Analytics, and Intelligent Systems development.

2. Infrastructure & Facilities

Hardware Infrastructure:

The hardware infrastructure consists of high-performance computing systems with dedicated AI and Data Science workstations, GPU-enabled machines for deep learning applications, high-speed internet connectivity, and a centralized data storage facility to support large-scale data processing.

Software Ecosystem:

The software ecosystem includes Python and R programming environments, machine learning and deep learning frameworks, data analytics and visualization tools, big data processing platforms, database management systems, cloud computing platforms, and specialized libraries for natural language processing and computer vision.

3. Academic & Research Activities Conducted

The CoE supports various academic and research initiatives that enhance students' technical skills and research capabilities.

Workshops & Training Programs

The lab organizes workshops and training programs that include hands-on sessions in Machine Learning and Data Analytics, specialized workshops on Deep Learning and AI model development, training on data visualization and analytics tools, and webinars addressing emerging trends in AI technologies.

Industry Engagement

It also ensures strong industry engagement through technical sessions delivered by industry experts, industry-focused project mentoring, internship opportunities in AI and Data Science domains, and problem-solving sessions based on real-world industry challenges.

4. Student Project Utilization

The Centre of Excellence (CoE) in Artificial Intelligence and Data Science actively supports undergraduate capstone projects and applied research activities. The CoE provides access to advanced computing resources, datasets, and development tools that enable students to design and implement intelligent, data-driven solutions for real-world problems.

Sample Student Projects:

• Smart Waste Management System using IoT and Machine Learning

• Traffic Flow Prediction using Machine Learning Techniques

• Disease Prediction System using Data Analytics

• Chatbot Development using Natural Language Processing

• Image Classification using Deep Learning

• Student Performance Prediction using Data Mining Techniques

• Fake News Detection using Machine Learning

• Smart Recommendation System using Collaborative Filtering

Impact:

• High utilization of the CoE computing facilities by final-year capstone project students

• Projects aligned with emerging AI technologies and industry requirements

• Development of real-world data analysis and intelligent decision-making models

• Enhanced student skills in machine learning, deep learning, and data analytics

• Improved industry readiness and research exposure

Table No. 7.5.2: List of imporant projects done by our students in laboratory.

S.No	Batch No	Register Number	Name of the Student	Guide Name	Title
1	2024-2028	111724201040	Kaviyadharshini S	Mr.Sabarirajan	Diabetes Prediction
		111724201039	Kaviya M		
2		111724201028	Ilakkiya.R	Mr. Sabarirajan	Skin disease prediction
		111724201031	Gunashree		
3	2023-2027	111723201111	VISHAAL S	Dr. R. Priyanka Pramila	AI-integrated Trade Talk Platform
		111723201095	TARUN T		
4		111723201115	YUVEDA SRI S	Dr. R. Priyanka Pramila	Kural AI- Voice Grievance System
		111723201090	SORNALAKSHMI S		
5	2022-2026	111722201001	Aravindh M	Mr E. Satheesh Abraham Leo	Drug Prediction Using Knowledge Graph
		111722201046	MITHUN RAJ S		
6		111722201026	Lekhashree A	Dr. Shobha Rani P	Multi disease classification using retinal fundus images
		111722201020	Kalpana K		
7		111722201010	Boomika E	Dr. Gladiss Merlin N.R	AI driven Stray dog bite risk prediction, rabies prevention and human-dog welfare platform.
		111722201015	GeethaNayagi V		

5. Faculty Competency Development

Faculty members associated with the Centre of Excellence regularly undergo certification programs and technical training to strengthen their expertise in Artificial Intelligence and Data Science domains. These competency development initiatives ensure effective academic delivery, research guidance, and industry-relevant project mentoring.

Faculty members have undergone:

• Certification Programs in Machine Learning and Artificial Intelligence (Coursera / NPTEL / Industry Platforms)
• Data Science and Advanced Analytics Certification Programs
• Deep Learning and Neural Networks Training
• Cloud Computing Certifications (AWS / Google Cloud / Azure)
• Advanced AI and Data Analytics Workshops

This continuous faculty development ensures sustained academic excellence and effective research support.

Table 7.5.3: Faculty Certification Details

S. No	Name of the Faculty	Name of the Course	Provided by	Training fees sponsored by college
1	Dr.R Priyanka Pramila	Joint AI & Quantum Expert with Amazon Braket	QpiAi India Private Limited and Centre for continuing Education ,Indian Institute of Science,Bengaluru,India.	Rs.2,19,999/-
2	Dr.B.Muthazhagan	5G Edge	Wipro Limited	Wipro Sponsored
3	Mr.Stanley Wit	5G Edge (NMS)	Wipro Limited	Wipro Sponsored
4	Mrs.B.Saratha	Python for Data Science	Wipro Limited	Wipro Sponsored
5	Ms.E.Thenmozhi	Oracle AI Database SQL Associate	Oracle	Rs.8500
6	Ms.B.Mythili	Oracle AI Database SQL Associate	Oracle	Rs.8500
7	Mr.Satheesh Abraham Leo	Oracle AI Database SQL Associate	Oracle	Rs.8500

6. Student Certification & Skill Enhancement

Students actively participate in certification programs and hands-on training sessions organized through the Centre of Excellence to enhance their technical and industry-relevant skills.

Students have completed:

• Machine Learning Certification Programs (Coursera / NPTEL)
• Data Science and Python Programming Certifications
• Deep Learning and Neural Network Courses
• Data Analytics and Visualization Training Programs
• Cloud Computing Fundamentals

These certifications enhance technical competency, domain knowledge, and placement readiness among students.

7. Outcomes of Centre of Excellence

Projects Completed for Cognizant Hackathon:

Table No. 7.5.4: List of projects completee for Cognizant Hackathon - Batchwise.

Batch 2020 - 2024

Team No	Register No	Student Name	Use-Case Title
1	111720201050	Sunil B	Patient Communications-summarizing call interactions between patient& physicians over a period of time
	111720201049	Sumanth Vamsi M	
	111720201010	Charankumar P C	
	111720201020	Kirubakaran A	
2	111720201004	Adapala Mahesh	Virtual health assistant
	111720201014	Gopisetti Sai Srikar	
	111720201028	Narravula Venkata Vivek	
	111720201033	Supreeth Sai Tej P	
3	111720201011	Dhivyananth A B	Medical Bill generation
	111720201006	Arun Prasad V	
	111720201036	Sakthi Vel V	
	111720201007	Bakkemma Gari Sai Mahesh	
4	111720201034	Prince Sam Raj S	Leverage chatgpt for broker assistant - converstional AI/chatbot
	111720201040	Santhoshkumar P	
	111720201054	Venkatapriyan M	
	111720201058	Vishal S	
5	111720201038	Samanu Abhinay Sai Kumar Reddy	Monitoring crop infections
	111720201052	Tanguturi Venkata Ramanujan	
	111720201027	Nalla Nagulagari Rajesh Kumar Reddy	
	111720201041	Shafee Ur Rehman M	

6	111720201002	Aakash M	Predicting hospital readmissions
	111720201048	Subash G	
	111720201039	Sanjay A P	
	111720201057	Vishal A	
7	111720201042	Shaik Eshrath	Detecting tumours from imaging
	111720201024	Modepalli Venkata Sai Chandana	
8	111720201008	Benedict Vinusha V	Disease detection- Breast Cancer
	111720201015	Indhuja V	
	111720201013	Geertheka J	
	111720201021	Lakkamaneni Sanjana	
9	111720201017	Jayashree S	Diagnosing skin condition from images
	111720201012	Divya S P	
	111720201016	Janani Sri J	
	111720201044	Sonyya T	Discharge summary/ documentation
	111720201019	Kaviya S	
	111720201030	Nevetha R	
	111720201047	Sridevi C	

Batch 2021 - 2025:

Team No	Register No	Student Name	Use-Case Title
1	111721201006	Dayana M	Re-Admission Risk Prediction
	111721201007	Deepika V	
	111721201013	Haritha M	
	111721201018	Janani H	
	111721201019	Jaya R	
	111721201020	Gomathy K	
	111721201027	Magimai Nayagi Y	

2	111721201008	Devadharshini K	Drug Review
	111721201009	Devarapalli Varsha Sai	
	111721201010	Devisri Mahalakshmi S	
	111721201011	Duvvuru Cheshmitha	
	111721201014	Inamanamelluri V Naga Mahathi	
	111721201024	Lpooja Sri	
	111721201026	Magham Sravya	
3	111721201030	Murarisetty Mahathi Devi	Demand Forecasting
	111721201034	Pavithra K	
	111721201039	R Swetha	
	111721201045	Shrinithi N	
	111721201046	Sowmya S	
	111721201047	T V N L Harika Jhansi	
4	111721201029	Meeniga Akhila	Patient Health Record Assistant To Enable Easy Retrieval Of Data From Complex Json Files
	111721201033	Nivedha P	
	111721201035	Prathiksha K	
	111721201042	Rivanthika Shri R	
	111721201049	Tamizh Malar S G	
	111721201054	Varsha S	
	111721201305	Jaya Bharathi J	
5	111721201002	Balaji G C	Prediction Of Sepsis
	111721201021	Karthik K	
	111721201025	M.S. Sankara Naraayanan	
	111721201055	Vigneshwaran S	

6	111721201028	Maneesh R	Medical Report Summarization
	111721201038	R Dhanush	
	111721201040	Raj Vishaal A.S	
	111721201043	Rohith P	
	111721201050	Tharun Ps	
	111721201304	Gnana Muhelan	
7	111721201012	Guduguntala Venkataviswa Karthikeya	Fraud Claim Detection
	111721201016	Jaivikash J	
	111721201022	Kasireddysrujan Reddy	
	111721201023	Kayam Girish	
	111721201056	Vikram E	
8	111721201017	F Jamaludeen	Opiod Abuse Detection
	111721201031	Muthumanohar V	
	111721201032	Nellorekarthik Reddy	
	111721201057	Anojkumar A	
	111721201058	Talluri Venkata Bhanu Prakash	

Batch 2022 - 2026:

Team no	Register no	Student name	Use-case title
1	111722201023	Keshavardhan d r (tl)	Member risk stratification and care management
	111722201005	Ashraf deen a	
	111722201007	B r pomeshraaj	
	111722201018	Jeyanth s	
	111722201301	Keshav kumar . B	
	111722201063	Ayush kumar	

2	111722201026	Lekhashree a (tl)	Disease detection - tumours
	111722201009	Bommineni sahitya	
	111722201011	Boomika e [2005/06/23]	
	111722201020	Kalpana k	
	111722201033	Nelatur swarna	
	111722201060	Keerthana v	
3	111722201012	Dhanya shree g (tl)	Claims fraud detection
	111722201002	Arivuchudar k	
	111722201024	Lahari p	
	111722201030	Naazira shareefa r	
	111722201037	Pachipulusu chandanavalli	
4	111722201053	Srijhha rm (tl)	Sales analysis & forecasting
	111722201008	Bhuvani s	
	111722201031	Narmathaa j b	
	111722201036	Nivetha s b	
	111722201055	Varshitha kanumuru	
	111722201059	Sangamithra g s	
5	111722201025	Lalith kishore v p (tl)	Pharmacy benefit management optimization
	111722201016	Hare ram c	
	111722201029	Mohan raj m a	
	111722201032	Neelam mani shankar reddy	
	111722201061	Keerthivasan a	
6	111722201046	S mithun raaj (tl)	Q&A chatbot for healthcare documentation
	111722201001	Aravindh m	
	111722201040	Prasenna vignesh v	
	111722201042	Revanth j r	
	111722201049	Sasidharan a	

7	111722201010	Boomika e [2004/12/07] (tl)	Chronic disease management platform
	111722201004	Arthi r	
	111722201015	Geethanayagi v	
	111722201017	Jayasrini r	
	111722201021	Kaviya sri r	

Batch 2023 - 2027

S.no.	Student name	Register number	Area of the project	Title of the project
1	Chaluvadi.sainivas	111723201022	Artificial intelligence	Delivering the forgotten items
2	Dhanush r y	111723201026		
3	D.umesh	111723201023		
4	P.buvaneshwar	111723201020		
5	Thangavleu adithya	111723201304		
6	Anuradha.c	111723201007	Machine learning	Heart disease prediction
7	Anbuaruvi.r	111723201006		
8	Divya.k	111723201030		
9	Sai aishwarya.b	111723201019		
10	Anusiya .s	111723201008	Machine learning	Face detection and identification
11	Bhavya sree p r	111723201016		
12	Dirisala kavya	111723201029		
13	Malepati nitheesha	111723201121		
14	Cheran m	111723201301	Machine learning	Language translator by using nlp
15	Billgates e	111723201018		
16	Maveen.b	111723201013		
17	H.praveen	111723201034		
18	Ch bramhendra	111723202021		

19	Dinesh kumar.c	111723201028	Deep learning	Plant disease detection
20	Jayasurya.k	111723201040		
21	Tarkeshwar.g.l	111723201033		
22	Ezhumalai.s	111723201032		
23	Ashmita.b	111723201009	Artificial intelligence and machine learning	Food waste management system
24	B sai poojitha reddy	111723201015		
25	Darshini .s	111723201025		
26	D.keerthi	111723201031		
27	Jaganathan. V	111723201037	Artificial intelligence and machine learning	Ai generated content detection system
28	Barath kumar.s	111723201012		
29	Austin joe.t	111723201011		
30	Janarthanan.v	111723201039		
31	Harshini.s	111723201035	Gane dvelopement	Game devolpment using unreal engine
32	Dharshine.k	111723201027		
33	Abisha.k.m	111723201002		
34	Charishma.i	111723201036		
35	Ashutosh	111723201010	Deep learning	Handwritten text recognition with tensorflow
36	Aldrin jr	111723201005		
37	Bhuvanesh k	111723201017		
38	Bavanesh	111723201014		
39	Ajey.k	111723201003	Artificial intelligence	Intellimeet using ai
40	Akash.e	111723201004		
41	Jai kishore.p	111723201038		
42	Ajey adithyan	111723201001		
43	Darshan sanjay	111723201024		

Placement Impact:

Students trained through the CoE have secured placements in leading IT and analytics companies.

Table No. 7.5.5:Summary of Outcomes of Centre of Excellence

Details	Batch 2024	Batch 2025	Batch 2026
Cognizant Registered	**37**	**48**	**39**
Cognizant BU Hiring	**17**	**22**	**28**
Cognizant Genc Next – 6.75 LPA	**9**	**10**	**9**
Cognizant Genc – 4.00 LPA	**8**	**12**	**19**
Cognizant Placement %	**45.95**	**45.83**	**71.79**

Academic Impact:

The academic impact of these laboratories is reflected in the development of AI-based intelligent systems and the execution of data-driven decision-making projects, which significantly enhance students' analytical and problem-solving capabilities. The integration of industry-relevant tools and technologies into the curriculum ensures that learners gain hands-on experience with modern AI frameworks, thereby bridging the gap between theoretical knowledge and real-world application. This approach also contributes to continuous curriculum enhancement aligned with current industry demands.

Research Impact:

From a research perspective, these facilities enable the development of predictive analytics and forecasting models, support machine learning-based optimization techniques, and facilitate the creation of intelligent automation systems. Additionally, they promote data-driven research leading to quality publications, thereby strengthening the institution's research output and innovation ecosystem.

7.5.C.1 Utilization of Project / Research Labs / CoE (05 Marks)

Academic Year	No. of UG Projects Using Lab	No. of Mini Projects Completed	No. of Research Publications	Patents
CAY (2025-2026)	9	24	10	4
CAYm1 (2024-2025)	12	08	67	9
CAYm2 (2023-2024)	7	18	25	3

The consistent utilization of project laboratories and the Centre of Excellence demonstrates active student involvement in project development and research activities.

ACADEMIC YEAR: 2023 -2024

Team Number	Register Number	Name	Title Of The Project	
1	111721201006	Dayana M	Fish Species Detection	
	111721201007	Deepika V		
	111721201013	Haritha M		
	111721201019	Jaya R		
2	111721201039	R Swetha	Just For Women App	
	111721201041	Rithanya G		
	111721201045	Shrinithi N		
3	111721201030	Murarisetty Mahathi Devi	Driver Drowsiness Detection System	
	111721201047	T V N L Harika Jhansi		

4	111721201042	Rivanthika Shri R	Train Delay Prediction	
	111721201049	Tamizh Malar S G		
	111721201054	Varsha S		
5	111721201033	Nivedha P	MEMA App	
	111721201034	Pavithra K		
	111721201046	Sowmya S		
6	111721201009	Devarapalli Varsha Sai	Accident Prevention And Detection System	
	111721201020	K Gomathy		
	111721201027	Magimai Nayagi Y		
	111721201305	Jayabharathi J		
7	111721201011	Duvvuru Cheshmitha	Fire Detection System	
	111721201014	Inamanamelluri V Naga Mahathi		
	111721201026	Magham Sravya		
	111721201029	Meeniga Akhila		
8	111721201035	Prathiksha K	Smart Medical Assistance	
	111721201052	Thrisha R		
9	111721201008	Devadharshini K	Document Management System	
	111721201010	Devisri Mahalakshmi S		
	111721201018	Janani H		
	111721201024	L Pooja Sri		
10	111721201001	Anbarasu K	Smart Mirror Automation	
	111721201002	Balaji G C		
	111721201021	Karthik K		
	111721201025	Sankara Naarayanan M S		

11	111721201048	Talapaneni Prabhas	Virtual Assistant	
	111721201053	Tupakula Krishna Kaushik		
	111721201012	Viswa Karthikeya G		
	111721201302	Haneeth Reddy Duvvuru		
12	111721201004	Boda Mohan Krishna	Wheather Forcasting Using Augment Reality	
	111721201017	Jamaludeen F		
	111721201022	Kasireddy Srujan Reddy		
	111721201023	Kayam Girish		
13	111721201032	Nellore Karthik Reddy	Text Summarizaton	
	111721201037	Promoth R		
	111721201038	R Dhanush		
	111721201058	Talluri Venkata Bhanu Prakash		
14	111721201003	Binesh V	Advanced Train Ticket Booking	
	111721201015	J Prakash		
	111721201301	Eswaravaka Pavan Sai Reddy		
	111721201303	Udayagiri Teja		
15	111721201028	Maneesh R	Bot Detection For Waste Management System	
	111721201040	Raj Vishaal A S		
	111721201043	Rohith P		
	111721201050	Tharun P S		
16	111721201044	Saravanan S	Face Recogination(Attendance System)	
	111721201051	Tharunkumar G		
	111721201055	Vigneshwaran S		
	111721201056	Vikram E		
17	111721201016	Jaivikash J	Road Sign Detection	
	111721201031	Muthumanohar V		
	111721201057	Anojkumar A		
	111721201036	Praven Kumar B		

18	111721201304	Gnana Muhelan	Speech Translation	

ACADEMIC YEAR: 2024 -2025

Team NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
1	111722201005	Ashraf Deen A	AI-Powered PDF Highlighter: Automated Key Information Extraction And Emphasis
	111722201018	Jeyanth S	
	111722201022	Kaviyarasu S	
	111722201023	Keshavardhan D R	
2	111722201009	Bommineni Sahitya	Cervical Spondylosis Prediction System
	111722201011	Boomika E	
	111722201020	Kalpana K	
	111722201026	Lekhashree A	
3	111722201002	Arivuchudar K	Life & Health Underwriting Document Analytics (LUDA)
	111722201012	Dhanyashree G	
	111722201024	Lahari P	
	111722201030	Naazira Shareefa R	
4	111722201006	Ashwini B	Pharmapulse: Smart Medication Management & Supply Forecasting
	111722201028	Sovya Sri M	
	111722201037	Chandanavalli P	
	111722201304	Priyadharshini K	
5	111722201031	Narmathaa J B	Pharmalytx - Pharmaceutical Sales Optimization`
	111722201036	Nivetha S B	
	111722201052	Sri Siva Swathika S T	
	111722201053	Srijhha Rm	

6	111722201013	G Rohit Sudarsen	Optimizing Healthcare Contact Centres With Conversational AI
	111722201029	Mohan Raj M A	
	111722201025	Lalith Kishore V P	
	111722201016	Hare Ram C	
7	111722201061	Keerthi Vasan A	AI-Driven NLP For Structuring Caregiver Notes Disease Prediction And Reducing Spending
	111722201063	Ayush Kumar	
	111722201303	Municharan	
	111722201007	Pomeshraaj B R	
8	111722201060	Keerthana V	Heart Disease Prediction And Report Summarization
	111722201033	Swarna N	
	111722201055	Varshitha K	
9	111722201046	S Mithun Raaj	Virtual AI Clinician"Your AI-Powered Health Companion For Smarter, Faster C
	111722201042	Revanth Jr	
	111722201040	Prasenna Vignesh	
	111722201001	Aravindh M	
10	111722201010	Boomika E	Opioid Risk Sentinel: AI-Driven Predictive Analytics For Drug-Seeking Behavior Detection
	111722201015	Geethanayagi V	
	111722201017	Jayasrini R	
	111722201021	Kaviya Sri R	
11	111722201014	G Dinesh	Harnessing The Power Of Gen AI To Reimagine Healthcare
	111722201048	S Vignesh	
	111722201032	N Mani Shankar	
12	111722201004	Arthi R	From Data To Decision AI Improves Patient Journey
	111722201008	Bhuvani S	
	111722201059	Sangamithra G S	

13	111722201058	Akash T.M	Automation Expedites Claims Process
	111722210143	Rithish Kumar.K	
	111722201049	Sasidharan A	
	111722201301	Keshav Kumar.B	
14	111722201054	Tharun Kumar.H	Health Plan Rebuilds Software Qa With Cognizant
	111722201305	Selvapandi B	
	111722201035	M Nithin	
	111722201302	K Venkata Sai	
15	111722201050	Sasmitha E	AI-Powered, Automation-Driven Fraud Detection System
	111722201057	Varshini Y L	
	111722201039	Pavithra J	
	111722201062	Rithika Priya P D	
16	111722201056	Vijay Sai Raj .R	AI Call Agent
	111722201041	Praveen Kumar	
	111722201044	Rohit Suryak.S	
17	111722201027	M Naga Manoj	Rideguard EV
	111722201034	Nishaanth R V	
	111722201045	R Rushil Nanda	
	111722201047	Sachin K	
18	111722201038	Nishith P	AI Assistant For Car Company
	111722201003	Aromal Joseph A	
	111722201019	Sathvik K	
	111722201051	Shakthi Rohit .B.M	

7.5.D. Relevance to POs / PSOs (05 Marks)

7.5.D.1 List of Laboratories and its relevance to POs / PSOs

Facility	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
ML / DL / NLP Lab	3	3	3	3	3	2	2	2	2	2	2	3	3	3
Java / Web / Data Analytics Framework Lab	3	3	3	2	3	1	1	2	2	3	2	2	3	3

AI & Decision Making / Data Science Lab	3	3	3	3	3	2	2	2	2	2	2	3	3	3
Cloud / DBMS Lab	3	3	3	2	3	2	2	2	2	2	3	3	3	3
Design Thinking / EDA / Feature Engineering / Visualization	2	3	3	3	3	2	2	2	3	3	2	3	3	3
OS / DAA / MLOps Lab	3	3	3	3	3	1	1	2	2	2	3	3	3	2
Project Laboratory	3	3	3	3	3	2	2	2	3	3	3	3	3	3
Research Laboratory	3	3	3	3	3	3	3	2	2	2	3	3	3	2

3 - High 2 - Moderate 1- Low

7.5.D.2 List of Laboratories and its relevance to POs / PSOs - Justification

S.No	Facility	Justification (POs & PSOs Mapping)
1	ML / DL / NLP Lab	Strongly supports PO1–PO5 through model development, data analysis, and modern AI tools. Moderately addresses PO6–PO11 via teamwork, ethics, and communication. Highly contributes to PO12 and PSO1–PSO2 through continuous learning and AI specialization.
2	Java / Web / Data Analytics Framework Lab	Emphasizes PO1–PO3 and PO5 via programming and application development. Moderate contribution to PO4 and PO8–PO12 through teamwork and communication. Strong alignment with PSO1–PSO2 in software and analytics solutions.
3	AI & Decision Making / Data Science Lab	Supports PO1–PO5 through AI algorithms and data-driven decision making. Addresses PO6–PO11 moderately via ethics and teamwork. Enhances PO12 and PSO1–PSO2 through intelligent system development.
4	Cloud / DBMS Lab	Covers PO1–PO3 and PO5 through database design and cloud implementation. Moderately contributes to PO4 and PO6–PO10 via system-level understanding. Strongly supports PO11–PO12 and PSO1–PSO2 in scalable data management.
5	Design Thinking / EDA / Feature Engineering / Visualization	Strengthens PO2–PO5 through problem analysis, design thinking, and visualization. Enhances PO8–PO10 via communication and teamwork. Supports PO12 and PSO1–PSO2 through innovation and analytical skills.
6	OS / DAA / MLOps Lab	Supports PO1–PO5 via algorithms, system concepts, and deployment practices. Moderately contributes to PO8–PO10 through teamwork and communication. Strongly aligns with PO11–PO12 and PSO1–PSO2 in system lifecycle management.
7	Project Laboratory	Ensures strong attainment of PO1–PO5 through project design and implementation. Supports PO6–PO8 moderately and PO9–PO12 strongly. Fully aligns with PSO1–PSO2 through real-world applications.
8	Research Laboratory	Covers PO1–PO7 through advanced problem solving and research activities. Moderately supports PO8–PO10 via collaboration and dissemination. Strongly contributes to PO11–PO12 and PSO1–PSO2 through innovation and lifelong learning.

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)	1020	51	39	6	64
2024-25(CAYm1)	1020	51	39	5	63
2025-26(CAY)	1140	57	38	8	56

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	65000000	54045722	59500000	59451081	61500000	61283825	73000000	72902520
Library	3000000	2244355	3500000	3404893	2300000	2290285	1300000	1199576
Laboratory equipment	30000000	24666740	38700000	38565392	15000000	14904667	27000000	26828660
Teaching and non-teaching staff salary	428000000	351645708	367100000	367100116	328000000	327692007	292000000	290769073
Outreach Programs	17500000	6727550	17000000	16720150	16500000	16366610	12000000	11649340
R&D	14656000	12429171	13655000	13511910	17295000	16762155	14360000	14233864
Training, Placement and Industry linkage	38000000	32892631	37500000	37316188	42500000	42464285	28000000	28062278
SDGs	22000000	5765374	21100000	21021148	13000000	12950757	6300000	6477225
Entrepreneurship	344000	344000	325000	325000	285000	285000	250000	250000
Others, specify	498570000	334687524	622180000	620831870	666670000	664231197	598040000	596706036
Total	**1117070000**	**825448775**	**1180560000**	**1178247748**	**1163050000**	**1159230788**	**1052250000**	**1049078572**

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	4000000.00	4181441.92	3000000.00	3080000.00	2280000.00	2423130.00	1125000.00	1372932.00

Software	0	0	0	0	0	0	0	0
SDGs	55000.00	54313.00	75000.00	74550.00	55000.00	59700.00	45000.00	37012.58
Support for faculty development	200000.00	70000.00	20000.00	80000.00	20000.00	79278.00	10000.00	31450.00
R & D	0	162200.00	0	91400.00	0	15100.00	0	20200.00
Industrial Training, Industry expert, Internship	90000.00	211119.00	90000.00	116308.00	90000.00	138090.00	80000.00	88269.72
Miscellaneous	300000.00	351271.00	232500.00	410135.00	228000.00	82741.00	250000.00	80710.00
Total	**4645000.00**	**5030344.92**	**3417500.00**	**3852393.00**	**2673000.00**	**2798039.00**	**1510000.00**	**1630574.30**