


NATIONAL BOARD OF ACCREDITATION

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

Note: To save Data Capturing Points as PDF Please click on print button and select destination as 'Save as PDF'. PLEASE SELECT LANDSCAPE MODE. 

Program Name : Information Technology	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 1
Application No : 11526	Date of Submission : 20-02-2026

PART A- Profile of the Institute

A1.Name of the Institute: R.M.D.ENGINEERING COLLEGE	
Year of Establishment : 2001	Location of the Institute: KAVARAIPETTAI
A2. Institute Address: R.S.M.NAGAR,KAVARAIPETTAI,GUMMIDIPOONDI TALUK,THIRUVALLUR DISTRICT,TAMIL NADU	
City:Tiruvallur	State:Tamil Nadu
Pin Code:601206	Website:WWW.RMD.AC.IN
Email:RMDECP@GMAIL.COM	Phone No(with STD Code):044-67919191
A3. Name and Address of the Affiliating University (if any):	
Name of the University : Anna University, Chennai	City: Chennai
State : Tamil Nadu	Pin Code: 600025
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 5
- No. of PG programs: 0

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 Machine Learning	2021	--	Artificial Intelligence and Machine Learning
2	Engineering & Technology	UG	Computer Science and Business System	2020	--	Computer Science and Business System
3	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
4	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
5	Engineering & Technology	UG	Information Technology	2001	--	Information Technology

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Information Technology	Yes	Information Technology	UG
Computer Science and Business System	Yes	Computer Science and Business System	UG
Electronics and Communication Engineering	No	Electronics & Communication Engineering	UG
Computer Science and Engineering	Yes	Computer Science and Engineering	UG

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

Allied Department/Cluster Name	Program Name	Program Level
Computer Science and Business System	Computer Science and Business System	UG
Computer Science and Engineering	Computer Science and Engineering	UG
Artificial Intelligence and Machine Learning	Artificial Intelligence and Machine Learning	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/COMPE AUTHORITY APPROVAL DE
1	Information Technology	UG	2001 / --	60	Yes	2024	120	2024	Southern/ 1-43661119657/2024/EOA

Sanctioned Intake for Last Five Years for the Information Technology

Academic Year	Sanctioned Intake
2025-26	120
2024-25	120
2023-24	60
2022-23	60
2021-22	60
2020-21	60

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL
1	Computer Science and Business System	Computer Science and Business System	UG	2020 / --	60	No	NA	60	2020
2	Artificial Intelligence and Machine Learning	Artificial Intelligence and Machine Learning	UG	2021 / --	60	Yes	2025	120	2025

Sanctioned Intake for Last Five Years for the Artificial Intelligence and Machine Learning

Academic Year	Sanctioned Intake
2025-26	120
2024-25	60
2023-24	60
2022-23	60
2021-22	60
2020-21	0

3	Computer Science and Engineering	Computer Science and Engineering	UG	2001 / --	60	Yes	2025	300	2025
---	----------------------------------	----------------------------------	----	-----------	----	-----	------	-----	------

Sanctioned Intake for Last Five Years for the Computer Science and Engineering

Academic Year	Sanctioned Intake
2025-26	300
2024-25	240
2023-24	240
2022-23	180
2021-22	180
2020-21	180

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

A. Name of the HoD :	Dr.K.Balasubadra
B. Nature of appointment:	Regular

C. Qualification:	Ph.D
-------------------	------

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	120	120	60	60	60	60	60
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	126	121	63	63	58	60	57
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	0	1	2	2	0
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	126	121	63	64	60	62	57

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

B4. Enrolment Ratio in the First Year

Table No. B4.1: Student enrolment ratio in the 1st year.

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	120	126	0	105.00
2024-25 (CAYm1)	120	121	0	100.83
2023-24 (CAYm2)	60	63	0	105.00

Average $[(ER_1 + ER_2 + ER_3) / 3] = 103.61 \approx 100$

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

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

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*=(No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	62.00	62.00	60.00
B=No. of students who graduated from the program in the stipulated course duration	58.00	61.00	56.00
Success Rate (SR)= (B/A) * 100	93.55	98.39	93.33

Average SR of three batches $((SR_1 + SR_2 + SR_3)/3)$: 95.09

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)	7.69	7.22	7.83
Y=Total no. of successful students	121.00	63.00	63.00
Z=Total no. of students appeared in the examination	121.00	63.00	63.00
API $[X*(Y/Z)]$	7.69	7.22	7.83

Average API $[(AP1+AP2+AP3)/3]$: 7.58

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)	7.62	8.06	7.80
Y=Total no. of successful students	63.00	64.00	60.00
Z=Total no. of students appeared in the examination	63.00	64.00	60.00
API [X * (Y/Z)]	7.62	8.06	7.80

Average API [(AP1 + AP2 + AP3)/3] : 7.83

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)	7.80	8.00	8.55
Y=Total no. of successful students	64.00	60.00	62.00
Z=Total no. of students appeared in the examination	64.00	60.00	62.00
API [X*(Y/Z)]:	7.80	8.00	8.55

Average API [(AP1 + AP2 + AP3)/3] : 8.12

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	62.00	62.00	60.00
X=No. of students placed	45.00	43.00	50.00
Y=No. of students admitted to higher studies	4.00	11.00	3.00
Z= No. of students taking up entrepreneurship	0.00	0.00	1.00
Placement Index(P) = ((X + Y + Z)/FS) * 100):	79.03	87.10	90.00

Average Placement Index = (P_1 + P_2 + P_3)/3: 85.38 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 Associati (Regular/ Contract/ Ad hoc)
1	Dr.K.Balasubadra	XXXXXXXX37Q	Ph.D	Anna University	Information and Communication	14/07/2011	14.6	Professor	Professor	14/07/2011	Regular
2	Dr.V.Prasanna Srinivasan	XXXXXXXX79K	Ph.D	Anna University	Embedded Systems	27/12/2006	19.1	Lecturer	Professor	01/08/2022	Regular
3	Dr.S.Velmurugan	XXXXXXXX89N	Ph.D	Anna University	Machine Learning	01/09/2022	3.5	Assistant Professor	Professor	01/09/2025	Regular
4	Dr.R.Jothilakshmi	XXXXXXXX73F	Ph.D	Anna University	Data Mining	16/07/2010	15.6	Associate Professor	Associate Professor	16/07/2010	Regular
5	Dr.B.Kalpana	XXXXXXXX75A	Ph.D	Anna University	Cloud Computing	16/05/2006	19.8	Lecturer	Associate Professor	01/12/2021	Regular
6	Dr.D.Praveena	XXXXXXXX98E	Ph.D	Anna University	Cloud Security	04/08/2006	19.6	Lecturer	Associate Professor	01/12/2021	Regular
7	Dr.K.Saravanan	XXXXXXXX30P	Ph.D	Anna University	Wireless Networks	18/06/2010	14.11	Assistant Professor	Associate Professor	01/12/2021	Regular
8	Mrs.M.Radhika	XXXXXXXX71B	M.E.	Anna University	Artificial Intelligence	20/02/2020	5.11	Assistant Professor	Assistant Professor		Regular
9	Ms.N.Abirami	XXXXXXXX79G	M.Tech	Anna University	Soft Computing	02/08/2021	4.5	Assistant Professor	Assistant Professor		Regular

10	Mrs.G.Janani	XXXXXXX46R	M.Tech	SATHYABAMA UNIVERSITY	Data Mining	23/08/2021	4.5	Assistant Professor	Assistant Professor		Regular
11	Ms.R.Nikitha	XXXXXXX74G	M.E.	Anna University	Computer Science Engg	19/08/2021	2.4	Assistant Professor	Assistant Professor		Regular
12	Mrs.N.Arockia Rosy	XXXXXXX72A	M.Tech	Sathyabama University	Artificial Intelligence	28/08/2021	4.5	Assistant Professor	Assistant Professor		Regular
13	Mrs.D.S.Deepika	XXXXXXX93A	MS	University of Leicester	Networks and cyber security	10/07/2024	1.6	Assistant Professor	Assistant Professor		Regular
14	Mrs.K.Anandhi	XXXXXXX11J	M.Tech	VelTech University	Machine Learning	24/01/2025	1	Assistant Professor	Assistant Professor		Regular
15	Dr.G.Ragu	XXXXXXX74L	Ph.D	SRM Institute of Science and Technology	Cloud Security	06/06/2025	0.7	Assistant Professor	Associate Professor	01/12/2025	Regular
16	Mr.B.Sarvesan	XXXXXXX48F	M.Tech	Sathyabama University	Information Technology	09/07/2025	0.6	Assistant Professor	Assistant Professor		Regular

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

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation
1	Dr. C. S. Anita	XXXXXXX32E	XXXXXXXXXX785	Ph.D	Anna University	Machine Learning, Wireless Networks	05/06/2006	19.8	Assistant Professor	Professor
2	Dr.C. Ambhika	XXXXXXX81P	XXXXXXXXXX239	Ph.D	Anna University	Networks,machine Learning,Artificial Intelligence & Datascience	04/10/2023	2.3	Associate Professor	Associate Professor
3	Dr. Badi Alekhya	XXXXXXX17Q	XXXXXXXXXX952	Ph.D	Anna University	Data Mining,Text and Speech Analytics,Image Processing,Network Security	06/08/2022	3.5	Assistant Professor	Associate Professor
4	Dr. M.Monisha	XXXXXXX51E	XXXXXXXXXX183	Ph.D	Anna University	Artificial Intelligence, Computer Vision, Indic Scripts, Sensor Networks	15/04/2024	1.9	Assistant Professor	Associate Professor
5	Mrs.Remya Rose S	XXXXXXX78E	XXXXXXXXXX011	M.Tech	Karunya University	Data Analytics, Data Mining	01/07/2017	8.7	Assistant Professor	Associate Professor
6	Mrs.E.Nalina	XXXXXXX89F	XXXXXXXXXX502	M.E.	Anna University	Image Processing, Deep Learning	25/08/2021	4.5	Assistant Professor	Associate Professor
7	Mrs.S.Swetha	XXXXXXX63H	XXXXXXXXXX026	M.E.	Vels University	Networking, Blockchain, Artificial Intelligence	13/07/2022	3.6	Assistant Professor	Associate Professor
8	Mr.N.Sathish Kumar	XXXXXXX78A	XXXXXXXXXX743	M.E.	Anna University	Networking, Data Mining	22/07/2022	3.6	Assistant Professor	Associate Professor
9	Mrs.K.Gayathri Devi	XXXXXXX31E	XXXXXXXXXX253	M.E.	Anna University	Machine Learning, Blockchain, Networks	10/07/2024	1.6	Assistant Professor	Associate Professor
10	Mrs.V.Savitha	XXXXXXX93R	XXXXXXXXXX842	M.Tech	Anna University	Cloud Computing, Machine Learning, Web Crawling	02/01/2025	1.1	Assistant Professor	Associate Professor
11	Mrs.K.Amuthachenthiru	XXXXXXX69M	XXXXXXXXXX656	M.E.	Anna University	Artificial Intelligence, Computer Networks	05/03/2025	0.11	Assistant Professor	Associate Professor
12	Mrs. B. Margaret Flora	XXXXXXX13F	XXXXXXXXXX430	M.Tech	Sathyabama University	Machine Learning, Artificial Intelligence, Data Mining, Web Deployment	29/05/2025	0.8	Assistant Professor	Associate Professor

13	Mr. Dhakshunhaamoorthiy	XXXXXXX07P	NA	M.E.	Anna University	Machine Learning, Block Chain, Networking	07/06/2023	2	Assistant Professor	Assist Profes
14	Dr. K. Sudharson	XXXXXXX71C	NA	Ph.D	Anna University	Data Mining, Text and Speech Analytics, Network Security	28/06/2023	1.9	Associate Professor	Associ Profes
15	DR.G.AMUDHA	XXXXXXX40M	XXXXXXXXX819	Ph.D	ANNA UNIVERSITY	CYBER SECURITY	23/07/2003	22.6	Assistant Professor	Profes
16	DR.K.SUDHA	XXXXXXX29G	XXXXXXXXX252	Ph.D	DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE	NETWORK SECURITY	17/08/2022	3.5	Assistant Professor	Associ Profes
17	Dr.N.MUTHUVAIRAVAN PILLAI	XXXXXXX84G	XXXXXXXXX580	Ph.D	MANONMANIAM SUNDARANAR UNIVERSITY	IMAGE PROCESSING MACHINE LEARNING	24/08/2022	3.5	Assistant Professor	Associ Profes
18	SRILAKSHMI CH	XXXXXXX43V	XXXXXXXXX622	M.E.	ANNA UNIVERSITY	BIGDATA ANALYTICS,AI, DEEP LEARNING	01/01/2008	18.1	Assistant Professor	Assist Profes
19	S.ANITHA RAJATHI	XXXXXXX15R	XXXXXXXXX333	M.E.	ANNA UNIVERSITY	BIG DATA ANALYTICS	09/08/2021	4.5	Assistant Professor	Assist Profes
20	R.MONICA LAKSHMI	XXXXXXX91R	XXXXXXXXX979	M.E.	ANNA UNIVERSITY	MACHINE LEARNING	13/06/2022	3.7	Assistant Professor	Assist Profes
21	S.DEEPA	XXXXXXX75F	XXXXXXXXX396	M.E.	ANNA UNIVERSITY	DEEP LEARNING	13/07/2022	3.6	Assistant Professor	Assist Profes
22	K.SASIREKHA	XXXXXXX48H	XXXXXXXXX104	M.E.	ANNA UNIVERSITY	DEEP LEARNING	13/07/2022	3.6	Assistant Professor	Assist Profes
23	A.ADAIKKAMMAI	XXXXXXX47G	XXXXXXXXX572	M.E.	ANNA UNIVERSITY	MACHINE LEARNING	14/06/2023	2.7	Assistant Professor	Assist Profes
24	A.GOWRIDURGA	XXXXXXX40F	XXXXXXXXX581	M.E.	ANNA UNIVERSITY	BIG DATA	10/07/2024	1.6	Assistant Professor	Assist Profes
25	Dr.P.Ezhumalai	XXXXXXX72K	XXXXXXXXX476	Ph.D	Anna University	Computer Science and Engineering	01/06/2013	12.8	Professor	Profes
26	Dr.R.Sasikumar	XXXXXXX90C	XXXXXXXXX210	Ph.D	Anna University	Computer Science and Engineering	14/09/2004	21.5	Assistant Professor	Profes
27	Dr.S.Srinivasan	XXXXXXX70B	XXXXXXXXX054	Ph.D	Anna University	Computer Science and Engineering	22/03/2012	13.10	Associate Professor	Profes
28	Dr.M.Hemalatha	XXXXXXX89F	XXXXXXXXX508	Ph.D	Anna University	Computer Science and Engineering	11/07/2024	1.6	Professor	Profes
29	Dr.M.Vedaraj	XXXXXXX13E	XXXXXXXXX626	Ph.D	Anna University	Computer Science and Engineering	09/05/2013	12.8	Assistant Professor	Profes
30	Dr.S.Muthusundari	XXXXXXX57E	XXXXXXXXX454	Ph.D	Sathyabama University	Computer Science and Engineering	01/01/2008	18.1	Assistant Professor	Profes
31	Dr.A.Gnanasekar	XXXXXXX68P	XXXXXXXXX361	Ph.D	Anna University	Computer Science and Engineering	05/10/2007	18.4	Assistant Professor	Associ Profes
32	Dr.G.Nirmala	XXXXXXX01J	XXXXXXXXX303	Ph.D	Anna University	Computer Science and Engineering	03/07/2006	19.7	Assistant Professor	Associ Profes
33	Dr.K.RoslinDayana	XXXXXXX77E	XXXXXXXXX333	Ph.D	Anna University	Computer Science and Engineering	25/05/2012	13.8	Assistant Professor	Associ Profes
34	Dr.D.Jayalakshmi	XXXXXXX55Q	XXXXXXXXX869	Ph.D	VIT University	Computer Science and Engineering	01/03/2025	0.11	Associate Professor	Associ Profes
35	Dr.D.Chitra Devi	XXXXXXX24N	XXXXXXXXX576	Ph.D	Anna University	Computer Science and Engineering	02/05/2025	0.9	Associate Professor	Associ Profes
36	Dr.D. Vishnu Sakthi	XXXXXXX52M	XXXXXXXXX343	Ph.D	Anna University	Computer Science and Engineering	01/12/2008	17.2	Assistant Professor	Assist Profes
37	Dr.A.Tamizharasi	XXXXXXX42Q	XXXXXXXXX356	Ph.D	Anna University	Computer Science and Engineering	03/06/2014	11.8	Assistant Professor	Assist Profes
38	Dr.Tipili Sangeetha	XXXXXXX98K	XXXXXXXXX073	Ph.D	Anna University	Computer Science and Engineering	02/07/2025	0.7	Associate Professor	Associ Profes
39	Dr.J.Sherine Glory	XXXXXXX75L	XXXXXXXXX116	Ph.D	SRM University	Computer Science and Engineering	23/08/2021	4.5	Assistant Professor	Assist Profes

40	Dr.A.Nazreen Banu	XXXXXXXX34F	XXXXXXXXXX334	Ph.D	SRM University	Computer Science and Engineering	09/04/2025	0.9	Assistant Professor	Associ Profes
41	Dr.V.Sharmila	XXXXXXXX44N	XXXXXXXXXX971	Ph.D	Anna University	Computer Science and Engineering	21/02/2020	5.11	Assistant Professor	Assiste Profes
42	Dr.J.Paramesh	XXXXXXXX04J	XXXXXXXXXX421	Ph.D	Anna University	Computer Science and Engineering	08/01/2026	0	Associate Professor	Associ Profes
43	Dr.K.Mohanasundaram	XXXXXXXX64A	XXXXXXXXXX644	Ph.D	Anna University	Computer Science and Engineering	07/09/2006	19.4	Assistant Professor	Assiste Profes
44	Dr.K.Padmapriya	XXXXXXXX77P	XXXXXXXXXX135	Ph.D	Anna University	Computer Science and Engineering	02/01/2020	6.1	Assistant Professor	Assiste Profes
45	Mr.D.Jayakumar	XXXXXXXX97R	XXXXXXXXXX276	M.E.	Anna University	Computer Science and Engineering	07/02/2012	13.11	Assistant Professor	Assiste Profes
46	Mrs.J.Geetha Priya	XXXXXXXX53J	XXXXXXXXXX683	M.E.	Anna University	Computer Science and Engineering	21/05/2013	12.8	Assistant Professor	Assiste Profes
47	Mrs.K.Balasaranya	XXXXXXXX26H	XXXXXXXXXX171	M.E.	Anna University	Computer Science and Engineering	27/06/2013	12.7	Assistant Professor	Assiste Profes
48	Mrs.G.Manisha	XXXXXXXX78Q	XXXXXXXXXX849	M.E.	Anna University	Computer Science and Engineering	28/02/2020	5.11	Assistant Professor	Assiste Profes
49	Mrs.L.Sherin Beevi	XXXXXXXX97N	XXXXXXXXXX721	M.E.	Anna University	Computer Science and Engineering	13/08/2021	4.6	Assistant Professor	Assiste Profes
50	Mr.G.Shankar	XXXXXXXX64J	XXXXXXXXXX908	M.E.	Annamalai University	Computer Science and Engineering	04/09/2021	4.4	Assistant Professor	Assiste Profes
51	Mr.P.Jagadeesan	XXXXXXXX34C	XXXXXXXXXX970	M.E.	Anna University	Computer Science and Engineering	18/07/2022	3.6	Assistant Professor	Assiste Profes
52	Mrs.D.SterlinRani	XXXXXXXX20B	XXXXXXXXXX947	M.E.	Anna University	Computer Science and Engineering	13/07/2022	3.6	Assistant Professor	Assiste Profes
53	Mrs.D.M.Kalaiselvi	XXXXXXXX71N	XXXXXXXXXX746	M.E.	Anna University	Computer Science and Engineering	19/10/2022	3.3	Assistant Professor	Assiste Profes
54	Ms.M.P.Mohanapriya	XXXXXXXX20R	XXXXXXXXXX731	M.E.	Anna University	Computer Science and Engineering	17/05/2024	1.8	Assistant Professor	Assiste Profes
55	Mrs.B.Pushpalatha	XXXXXXXX99H	XXXXXXXXXX238	M.E.	Anna University	Computer Science and Engineering	03/05/2025	0.8	Assistant Professor	Assiste Profes
56	Mr.S.Antony dhas	XXXXXXXX91C	XXXXXXXXXX961	M.E.	Anna University	Computer Science and Engineering	04/06/2025	0.7	Assistant Professor	Assiste Profes
57	Mrs.S.Vijaya lakshmi	XXXXXXXX94L	XXXXXXXXXX485	M.Tech	SRM University	Computer Science and Engineering	09/06/2025	0.7	Assistant Professor	Assiste Profes
58	Mrs.P.Rajeswari	XXXXXXXX28A	XXXXXXXXXX233	M.E.	Anna University	Computer Science and Engineering	11/06/2025	0.7	Assistant Professor	Assiste Profes
59	Mrs.M.Yasaswini	XXXXXXXX98H	XXXXXXXXXX329	M.Tech	JNTU	Computer Science and Engineering	16/06/2025	0.7	Assistant Professor	Assiste Profes
60	Mr.V.Rahul Chiranjeevi	XXXXXXXX79P	XXXXXXXXXX059	M.E.	Anna University	Computer Science and Engineering	27/06/2025	0.7	Assistant Professor	Assiste Profes
61	Ms.P.Kharthi priya	XXXXXXXX50B	XXXXXXXXXX428	M.E.	Anna University	Computer Science and Engineering	19/05/2025	0.8	Assistant Professor	Assiste Profes
62	Mrs.S.Sree Subha	XXXXXXXX99D	XXXXXXXXXX809	M.Tech	Sathyabama University	Computer Science and Engineering	06/11/2025	0.2	Assistant Professor	Assiste Profes
63	Mrs.M.Santhiya	XXXXXXXX23L	XXXXXXXXXX968	M.E.	Anna University	Computer Science and Engineering	24/12/2025	0.1	Assistant Professor	Assiste Profes
64	Mrs.E.Nimmy Magarin Sophia	XXXXXXXX54R	XXXXXXXXXX625	M.E.	Anna University	Computer Science and Engineering	19/05/2025	0.8	Assistant Professor	Assiste Profes
65	Dr.P.M.Joe Prathap	XXXXXXXX08N	NA	Ph.D	Anna University	Computer Science and Engineering	01/09/2022	2.8	Professor	Profes
66	Dr.D.Rajalakshmi	XXXXXXXX32A	NA	Ph.D	Anna University	Computer Science and Engineering	17/05/2006	19	Assistant Professor	Associ Profes
67	Dr.S.Murugesan	XXXXXXXX34P	NA	Ph.D	Anna University	Computer Science and Engineering	13/07/2022	2.10	Associate Professor	Associ Profes
68	Dr.N.RamShankar	XXXXXXXX95B	NA	Ph.D	Anna University	Computer Science and Engineering	13/08/2022	2.9	Associate Professor	Associ Profes
69	Dr. A.K. Jaithunbi	XXXXXXXX81H	NA	Ph.D	Anna University	Computer Science and Engineering	26/05/2010	15	Assistant Professor	Associ Profes

70	Ms.S.Logesswari	XXXXXX55J	NA	M.E.	Anna University	Computer Science and Engineering	21/02/2020	5.3	Assistant Professor	Assiste Profes
71	Ms.S.Geetha Priya	XXXXXX02F	NA	M.E.	Anna University	Computer Science and Engineering	27/08/2021	3.9	Assistant Professor	Assiste Profes
72	Ms.S.Suhasini	XXXXXX82N	NA	M.E.	Anna University	Computer Science and Engineering	03/11/2022	2.6	Assistant Professor	Assiste Profes
73	Dr. P. Shobha Rani	XXXXXX30B	NA	Ph.D	Anna University	Computer Science and Engineering	05/11/2003	20.8	Assistant Professor	Profes
74	Ms.M.Rangini	XXXXXX24M	NA	M.E.	Anna University	Computer Science and Engineering	01/07/2022	2	Assistant Professor	Assiste Profes
75	TEJASRI M V S L	XXXXXX31E	XXXXXXXX117	M.E.	ANNA UNIVERSITY	MACHINE LEARNING	17/02/2025	0.11	Assistant Professor	Assiste Profes
76	T SAMPAUL	XXXXXX85R	XXXXXXXX511	M.E.	ANNAMALAI UNIVERSITY	MACHINE LEARNING	02/04/2025	0.9	Assistant Professor	Assiste Profes

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 Department4 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	120	60	61
UG1.C	60	61	62
UG1.D	61	62	62
UG1: Information Technology	241	183	185
UG2.B	254	248	189
UG2.C	248	189	190
UG2.D	189	190	182
UG2: Computer Science and Engineering	691	627	561
UG3.B	63	60	61
UG3.C	60	61	60
UG3.D	61	60	0
UG3: Artificial Intelligence and Machine Learning	184	181	121
UG4.B	60	60	60
UG4.C	60	60	60
UG4.D	60	60	60
UG4: Computer Science and Business System	180	180	180
DS=Total no. of students in all UG and PG programs in the Department	241	183	185
AS=Total no. of students of all UG and PG programs in allied departments	1055	988	862
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1296	S2= 1171	S3= 1047
DF=Total no. of faculty members in the Department	14	12	11
AF= Total no. of faculty members in the allied Departments	61	53	50
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 75	F2= 65	F3= 61
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 17.28	SFR2= 18.02	SFR3= 17.16
Average SFR for 3 years	SFR= 17.49		

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 = $2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	29	46	64.00	18.52
2024-25(CAYm1)	26	39	58.00	17.93
2023-24(CAYm2)	24	37	52.00	18.65

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	7.00	10.00	14.00	15.00	43.00	50.00
2024-25	6.00	10.00	13.00	16.00	39.00	39.00
2023-24	5.00	10.00	11.00	14.00	34.00	37.00
Average	RF1=6.00	AF1=10.00	RF2=12.67	AF2=15.00	RF2=38.67	AF2=42.00

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.S.Rajkumar	Associate Director – Technology	Virtusa Consulting Services PVT. Ltd., Chennai	DevOps	52.00
2	Ms.S.Mohana Priya	Associate Director	Virtusa Consulting Services PVT. Ltd., Chennai	Web Development Frameworks	54.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.S.Rajkumar	Associate Director – Technology	Virtusa Consulting Services PVT. Ltd., Chennai	Web Development Frameworks	56.00
2	Mrs.B.Swapna	Project Manager	Cognizant Technology Solutions	Advanced JAVA Programming	55.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.S.Rajkumar	Associate Director – Technology	Virtusa Consulting Services PVT. Ltd., Chennai	Web Development Frameworks	56.00
2	Mrs.B.Swapna	Project Manager	Cognizant Technology Solutions	JAVA Programming	55.00

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	12	12	11
2	No. of peer reviewed conference papers published	25	24	9
3	No. of books/book chapters published	9	2	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
Mrs.M.Radhika	NIL	IT Department	Theme: Climate Change/ Disaster management. Problem Statement:How might we develop a life detector that accurately identifies human presence under soil during landslides, minimizing false positives and improving rescue efficiency by distinguishing humans from other living creatures?	TAMILNADU SKILL DEVELOPMENT CORPORATION,Naan Mudhalvan Niral Thiruvizha 2.0	6 months	0.10
						Amount received (Rs.):0.10

(CAYm2)

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: 0.10**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. K. Balasubadra	NIL	Information Technology	Biometric Attendance System	Vivekananda Industrial School	3 Months	0.52
Dr.V.Prasanna Srinivasan	NIL	Information Technology	Stock And Accounts Maintenance Software	Venkatachalam Filling Station-li, Ongole-Ap	3 Months	0.51
Dr.R.Jothilakshmi	NIL	Information Technology	Workforce Management	D.R Associates, Kavaraipettai	3 Months	0.51
Dr. B. Kalpana	NIL	Information Technology	Website Design And Maintenance	Shanthy Associates, No 2/269, B1, Vadavalli, Coimbatore-641041	3 Months	0.55
Dr.D.Praveena	NIL	Information Technology	Market Analysis For Indian Spices	Shanthy Associates, No 2/269, B1, Vadavalli, Coimbatore-641041	3 Months	0.55
Mrs.M.Radhika	NIL	Information Technology	Stock Market Tracker	Krishna Food Industries, Vellanur, Avadi, Chennai-600062	3 Months	0.53
Ms. N.Abirami	NIL	Information Technology	Inventory Management System	Yentech Engineering,Sidco Industrial Estate,Ambattur,Chennai	5 Months	0.51
Mrs.G.Janani	NIL	Information Technology	Creation Of Website For Sales	Maruti Engineering Corporation, No 133/65 New Street, Mannady, Chennai - 1	3 Months	0.51
Mrs.N.Arockia Rosy	NIL	Information Technology	Payroll Management Software	V Frame Fitness Studio, Valasaravakkam, Chennai	3 Months	0.51
Ms. D. S. Deepika	NIL	Information Technology	Stock And Sales Service	Sri Sai Enterprises, Ponneri	3 Months	0.52
						Amount received (Rs.):5.22

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. K. Balasubadra	NIL	Information Technology	Biometric Based Attendance System	N.V.R. Educational And Charitable Trust, No. 2/7, G2, Hari Siva Flats, Duraiswamy Reddy, 1st Street, V.R. Nagar, Koratture, Chennai - 80	3 Months	0.52
Dr.V.Prasanna Srinivasan	NIL	Information Technology	Inventory Management System	Rishi Opticals, Ayanambakkam	3 Months	0.51
Dr.R.Jothilakshmi	NIL	Information Technology	Automation And Maintenance	D.R.A Facility Management Private Limited, Kavaraipettai	4 Months	0.51
Dr. B. Kalpana	NIL	Information Technology	Digital Commerce Platform: Crafting A Website For Product Transactions	Metrolabs Services Private Limited 4th Floor, Sriram Plaza, 1-90/2/46/1, Vittal Rao Nagar, Madhapur, Hyderabad, Telangana 500081	3 Months	0.51
Dr.D.Praveena	NIL	Information Technology	Sales Site Synthesis: A Project On Crafting An Effective Website	Metrolabs Services Private Limited 4th Floor, Sriram Plaza, 1-90/2/46/1, Vittal Rao Nagar, Madhapur, Hyderabad, Telangana 500081	3 Months	0.51
Dr.K.Saravanan	NIL	Information Technology	Inventory Management System	Sri Durga Computers And Electronics, 213/100 Mth Road, Opp To Csi Church, Venkatapuram, Ambattur, Chennai -53	4 Months	0.52
Mrs.M.Radhika	NIL	Information Technology	Inventory Management System	J S Traders And Construction Kovilpathagai, Chennai - 600062	3 Months	0.51
Ms. N.Abirami	NIL	Information Technology	Neck Muscle Strain Detection And Rehabilitation	Yentech Engineering Sidco Industrial Estate Ambattur, Chennai-600098	6 Months	0.51
Mrs.G.Janani	NIL	Information Technology	Website Creation Of Product Sales	Maruti Engineering Corporation, Mannady Chennai 600 001	3 Months	0.51
Mrs.N.Arockia Rosy	NIL	Information Technology	Fitness Monitoring Software	V Frame Fitness Studio, Valasaravakkam , Chennai-600087	3 Months	0.51
						Amount received (Rs.):5.12

(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.K.Balasubadra	NIL	Information Technology	Stock and Accounts Maintenance Software	Venkatachalam Filling Centre	3 Months	0.27
Dr.K.Balasubadra	NIL	Information Technology	Customer Portfolio	Venkatachalam Finance Corporation	3 Months	0.27
Dr.V.Prasanna Srinivasan	NIL	Information Technology	Digital Price Board	Online Forms	3 Months	0.28
Dr.V.Prasanna Srinivasan	NIL	Information Technology	Website Design	S.R. Civil Constructions	3 Months	0.28
Dr.K.Saravanan	NIL	Information Technology	Website Design	Srinivasa Auto Financiers	3 Months	0.28
Dr.K.Saravanan	NIL	Information Technology	Invoice Generation Software	Sri Durga Computers and Electronics	3 Months	0.28
Dr.R.Jothilakshmi	NIL	Information Technology	Inventory Control System	Sri Balaji industries	3 Months	0.30
Dr.B.Kalpna	NIL	Information Technology	Website Design and Maintenance	MSP Global Technologies	3 Months	0.51
Dr.D.Praveena	NIL	Information Technology	Website Design	NAFA Barter Private Limited	3 Months	0.51
Ms.N.Abirami	NIL	Information Technology	Facial Attendance Monitoring System	Yentech Engineering	3 Months	0.26
Ms.G.Janani	NIL	Information Technology	Stock Management System	Lead Engineering	3 Months	0.27
Ms.M.Radhika	NIL	Information Technology	Billing Automation Software	Krishna Food Industries	3 Months	0.26
Ms.R.Nikitha	NIL	Information Technology	Payroll Management System	Tsp Super Cycle Work	3 Months	0.25
Ms. N. Arockia Rosy	NIL	Information Technology	Attendance Management system	V Frame Fitness Studio	3 Months	0.26
						Amount received (Rs.):4.28

Total amount (Lacs) received for the past 3 years: 14.62

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.K.Balasubadra, Dr.K.Saravanan ,Dr. V. Prasanna Srinivasan	A SYSTEM TO MONITOR MENTAL WELLBEING VIA AI POWERED CHATBOTS	3 MONTHS	0.56	0.56	HEARING OF PATENT AND PATENT GRANTED
Dr.K.Balasubadra, Dr.K.Saravanan, Dr. V. Prasanna Srinivasan	A SYSTEM TO MONITOR MENTAL WELLBEING VIA AI POWERED CHATBOTS	3 MONTHS	0.23	0.23	RENEWAL OF PATENT
Dr. R. Jothilakshmi ,Dr.B.Kalpna	A METHOD AND SYSTEM FOR HAND GESTURE RECOGNITION	3 MONTHS	0.56	0.56	HEARING OF PATENT AND PATENT GRANTED
Dr. R. Jothilakshmi ,Dr.B.Kalpna	A METHOD AND SYSTEM FOR HAND GESTURE RECOGNITION	3 MONTHS	0.23	0.23	RENEWAL OF PATENT
Dr K Balasubadra, Dr. V. Prasanna Srinivasan	CLASSIFICATION OF BLOOD CELL USING MULTI AND HYPER SPECTRAL IMAGES USING CVV	1 MONTH	0.23	0.23	PATENT RENEWAL
Dr.D.Praveena	FACULTY UPSKILLING-ORACLE JAVA SE 17	6 MONTHS	0.15	0.15	JAVA SE 17 PROGRAMMER
			Amount received (Rs.): 1.96		

(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.K.Balasubadra ,Dr. P.M. Joe Prathap ,Dr. R. Jothilakshmi	AN AUTOMATED FIRE EXTINGUISHER SYSTEM IN CAR/VEHICLE	3 MONTHS	0.50	0.50	FIRST EXAMINATION REPORT OF PATENT
Dr.K.Balasubadra ,Dr. P.M. Joe Prathap ,Dr. R. Jothilakshmi	AN AUTOMATED FIRE EXTINGUISHER SYSTEM IN CAR/VEHICLE	3 MONTHS	0.56	0.56	HEARING OF PATENT AND PATENT GRANTED
Dr.K.Balasubadra ,Dr. P.M. Joe Prathap ,Dr. R. Jothilakshmi	AN AUTOMATED FIRE EXTINGUISHER SYSTEM IN CAR/VEHICLE	3 MONTHS	0.23	0.23	RENEWAL OF PATENT
Dr K. Balasubadra	RESEARCH CENTER FEE	1 MONTH	1.48	1.48	RESEARCH CENTER RENEWAL
Dr.B.Kalpna	FACULTY UPSKILLING-ORACLE JAVA SE 8	6 MONTHS	0.10	0.10	JAVA SE 8 PROGRAMMER
			Amount received (Rs.): 2.87		

(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.K.Balasubadra, Dr.K.Saravanan, Dr. V. Prasanna Srinivasan	A SYSTEM TO MONITOR MENTAL	3 MONTHS	0.51	0.51	FIRST EXAMINATION REPORT OF PATENT
Dr. R. Jothilakshmi, Dr.B.Kalpna	A METHOD AND SYSTEM FOR HAND GESTURE RECOGNITION	3 MONTHS	0.51	0.51	FIRST EXAMINATION REPORT OF PATENT
Dr K. Balasubadra	RESEARCH CENTER FEE	1 MONTH	0.30	0.30	RESEARCH CENTER RENEWAL
			Amount received (Rs.): 1.32		

Total amount (Lacs) received for the past 3 years : 6.15

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	Programming Languages Laboratory	1	Intel i7 Processor =32 Nos Intel Core i7-8700 CPU @3.3 GHz ,65 GB RAM, 1 TB HDD, 16 TB SSD	Odd Sem 26 H	Mrs. N. Keert	Lab Assistant	DECE, BCA(I)
2	Computing and Network Laboratory	1	Intel i7 Processor =54 Nos HP 400 TWR, Intel CU7265, 32GB RAM, 1 TB HDD, 16 TB SSD	Odd Sem 8 Hr	Mrs.S.Geetha	Lab Assistant	BCA

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures

1	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> 1.Programming Languages Laboratory 2.Computing & Network Laboratory </div>	<ul style="list-style-type: none"> • First aid box & Fire Extinguisher is kept in the laboratory in case of emergency. • Electricity Generator is available in the college premises. • MCBs are used at all electrical installations. • All electrical equipment and installations are checked periodically. • Do's and Don'ts are displayed in the laboratory. • The Computer Centre building is earthquake resistant. • The student must check the computer unit and its peripherals attached before using it. The student must immediately inform the instructor if there's any defect, error or damage observed at the computer (hardware/software). • Students must wear Lab Coat in the laboratories. • Students must shutdown personal computer properly to avoid system failure. • Periodical servicing of the lab equipment. • Maintain a clean and organized laboratory. Avoiding the use of cell phones. • Adequate ventilation and lighting to reduce eye strain and overheating.
---	--	---

D3. Project Laboratory/Research Laboratory

A.

Availability of Project Laboratories / Research Laboratories

1. Project Laboratory

One of the laboratories allotted for our programme is used as the Project Laboratory during the even semester. Students are organized into teams to undertake a substantial project supervised by a faculty member. All the systems in the laboratory are equipped with the latest version of software as required by the students. The laboratory permits the final year students to bring their laptops and work on their projects. Students who do not have a laptop are provided with a computer by the department. Mini projects are done by our third year and second year students with the available facilities in all the laboratories. The Project Laboratories are furnished with required equipment and modern software tools. A 1500 Mbps internet connection is made available in the Project Laboratories. Students also use the Project Laboratory to publish their work in reputed journals. Faculty members and research scholars utilize the laboratory to carry out consultancy work and research related activities.

System Configurations: 66 Nos

HP Z1 G9 Tower workstation, Intel core i9, 32GB RAM, NVIDIA 40801.8GB graphics card, 256 GB SSD, 1TB HDD,

HP P24 G5 monitor

Software Support

R-Tool, My-SQL, C / C++ / Java / Python, Gcc and G++ for Ubuntu, NS2 Simulator, NetBeans, Eclipse, Virtual box, VMware Workstation, Cloud Environment Creation, Open stack, Hadoop, JDK 1.8, Github, MongoDB, AngularJS, Oracle Virtualbox, Opnet Software, .NET Framework 4.0 & above, ASP.NET, HTML5, CSS, JQuery, Bootstrap, SQL Server, Kony Visualizer, Geny motion, Nebulla, Globus Toolkit and Eucalyptus

2. Research Laboratory

One of the labs allotted for our Programme is used as the Research Laboratory. All the machines in the lab are equipped with the latest version of software as required by the students. Research Labs are furnished with required equipment and modern software tools. 1500 Mbps internet connection is made available in the Research Laboratory. The Faculty Members, Research Scholars and Students will be able to do research and analysis in their field of specialization and also publish their work in Reputed Journals. Faculty Members and Research Scholars utilize the laboratory to carry out consultancy work and Research related activities.

System Configurations: 66 Nos

HP PRO TWR 280 G9-C-i7-12400 / 16GB / 512GB / 256 GB SSD, 19.5" Monitor – 66 Nos

Software Support

Faculty, Research Scholars and Students are expected to have enhanced learning in the area of R-Tool, My-SQL, C / C++ / Java / Python, Gcc and G++ for Ubuntu, NS2 Simulator, NetBeans or Eclipse, Virtual box, VMware Workstation, Cloud Environment Creation, Open stack, Hadoop.

B. Availability of Centre of Excellence

1. Name of Centre of Excellence: VIRTUSA Full Stack Engineering Centre of Excellence

Students are trained at the Full Stack Computing Centre of Excellence to learn key technologies in IT consulting, system integration, software development and maintenance, cloud services, BPO, and security services. The training covers core areas such as Java, C++, Data Structures, DBMS, Advanced Java, Operating Systems, Distributed and Cloud Computing, Computer Networks, MERN Full Stack Development, Mobile Application Development, C# and .NET Programming, Microservice Architecture, UI/UX Design, and Web Application Security.

Coordinators:

1. Dr. B.Kalpana, Associate Professor / IT

Sponsoring Agency: VIRTUSA

System Configuration:

Intel i7 Processor =32 Nos

Intel Core i7-8700 CPU @3.3 GHz ,65 w,8GB RAM DDR4, 1 TB HDD, HP 19" Monitor

Intel i7 Processor =34 Nos

HP 280 PRO G6 MT-CORE i7-10700/16 GB/512 GB /1 TB HDD HP 204V/19.5" Monitor.

Areas in which students are expected to have enhanced learning: C, C++, DBMS, Data Structures, Design and Analysis of Algorithm, Operating Systems, Computer Networks, JAVA, C# and .NET Programming, Distributed and Cloud Computing., Service Oriented Architecture and Web Security

C. Utilization of Project Laboratories / Research Laboratory / Centre of Excellence

The institution ensures optimal utilization of Project Laboratories, Research Laboratories, and Centres of Excellence by aligning them with the academic and research objectives, industry collaborations, and innovation-driven initiatives. The following measures highlight the effective use of these resources:

1. Project Laboratories Utilization

- Project laboratories are actively used by students and faculty for project work, innovation, and hands-on learning.
- Lab facilities are available to encourage extended research and experimentation.
- Projects undertaken in these labs are closely monitored and guided by faculty members to ensure quality and relevance.
- The labs support multidisciplinary projects.

2. Research Laboratory Utilization

- Research laboratories are leveraged for funded research projects, consultancy work, and industry-sponsored projects.
- The research labs support doctoral research activities, contributing to high-impact publications and patents.
- Advanced instrumentation and software tools in these labs are made available to researchers on demand.
- The institution encourages interdepartmental and interinstitutional research collaborations using these facilities.

3. Centre of Excellence (CoE) Utilization

- CoEs actively collaborate with industries and research organizations to undertake joint projects, training, and consultancy.
- The facilities are used for conducting specialized certification programs and workshops that enhance the employability of students.
- CoEs facilitate incubation and startup activities by providing necessary infrastructure and mentorship.

Monitoring and Documentation

- Utilization of all laboratories and CoEs is systematically monitored through logbooks and usage registers.
- Reports on utilization, maintenance, and outcomes are submitted regularly to the department.
- Feedback from users (students, faculty, and industry partners) is collected to improve the utilization and functionality of the facilities.

Outcome and Impact

- Effective utilization has resulted in increased research outputs, higher student engagement in projects, and stronger industry partnerships.
- Students graduating with hands-on experience in project labs demonstrate improved problem-solving and technical skills.
- Centres of Excellence contribute significantly to the institution's innovation ecosystem and knowledge creation.

D. Relevance to POs / PSOs

1. Project Laboratory

Contribution to POs:

- PO1, PO3, PO5: Students apply theoretical concepts in software development, system design, and tool usage during project implementation.
- PO2: Analyze requirements and evaluate project outcomes systematically.
- PO8, PO9, PO10, PO11: Enhance communication and teamwork skills via group projects and presentations.

Contribution to PSOs:

- PSO1: Develop coding and software engineering skills through hands-on projects.
- PSO2: Network and security-related projects help build domain expertise.
- PSO3: Projects incorporating AI, ML, or cloud platforms encourage adoption of emerging technologies.

2. Research Laboratory

Contribution to POs:

- PO1, PO5: Promote investigation of complex problems using advanced research methodologies.
- PO2, PO4: The laboratory supports experimental design, modeling, simulation, data collection, and interpretation to arrive at valid conclusions
- PO8, PO9: Encourage ethical research practices with awareness of societal and environmental impacts.
- PO10, PO11: Support lifelong learning through research exposure.

Contribution to PSOs:

- PSO1: Research on algorithms, programming paradigms, and software optimization.
- PSO2: Research focus on systematic software engineering and research practices.

3. Centre of Excellence (CoE)

Contribution to POs:

- PO1, PO3, PO5: Facilitate access to state-of-the-art technologies and tools.
- PO2: analyze domain-specific problems and industry-driven challenges, enhancing problem analysis skills
- PO6, PO8, PO9: Promote effective communication and collaboration through industry interaction and workshops.
- PO11: Offer certification programs and continuous learning opportunities in emerging domains.

Contribution to PSOs:

- PSO1: CoE-led initiatives in network security and systems administration.
- PSO3: Incubation of startups and projects in AI, Big Data, IoT, etc., preparing students for industry challenges.

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)	600	30	24	12	72
2024-25(CAYm1)	660	33	25	12	68
2025-26(CAY)	780	39	27	16	64

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	125533228	113034734	53297627	50759645	39769987	38611638	4960893	4816401
Library	3141240	1691080	4042554	3850051	2013757	1955104	849530	824786
Laboratory equipment	18658941	11582099	19365537	18443369	7425930	7209641	6267015	6084481
Teaching and non-teaching staff	256314653	248627814	228398527	217522407	210986214	204840984	190384552	184839371
Outreach Programs	1000000	967860	2000000	1944219	400000	327733	300000	334237
R&D	545000	616500	445000	943900	1255990	1219408	343443	333440
Training, Placement and	20177079	22914417	21146924	20139928	16043823	15576527	16178559	15707339
SDGs	260000	260000	260000	240000	218750	218750	207750	207750
Entrepreneurship	136196	136196	154600	154600	152678	152678	95678	95678
Others, specify/ Laboratory	334921178	289011337	339020144	322317037	301932734	293188375	226104463	218587872
Total	760687515	688842037	668130913	636315156	580199863	563300838	445691883	431831355

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	1000000	4673293	1000000	1000000	500000	1229294	1000000	642064
Software	155259	145517	155259	155259	134427	155259	150000	134427
SDGs	50000	50000	50000	50000	30000	30000	30000	30000
Support for faculty development	185000	111850	130000	93023	30000	44000	20000	26800
R & D	120000	186500	120000	186300	120000	218600	120000	130300
Industrial Training, Industry expert,	1285000	1240000	950000	935000	950000	930000	918180	895000
Entrepreneurship, Laboratory	789751	762162	639751	747501	716452	697250	1770000	662538
Total	3585010	7169322	3045010	3167083	2480879	3304403	4008180	2521129