

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Computer Science and Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 1
Application No : 10921	Date of Submission : 06-08-2025

PART A- Profile of the Institute

A1.Name of the Institute : BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT	
Year of Establishment : 1997	Location of the Institute: Ballari
A2. Institute Address :JANANA GANGOTRI CAMPUS, #873/2, BALLARI HOSAPETE, ROAD, NEAR ALLIPUR, BALLARI - 583104 [KARNATAKA]	
City: Bellary	State:Karnataka
Pin Code:583104	Website:www.bitm.edu.in
Email:BITMBLY@GMAIL.COM	Phone No(with STD Code):08392-237150
A3. Name and Address of the Affiliating University (if any):	
Name of the University : VISVESVARYA TECHNOLOGICAL UNIVERSIT	City: Belgaum
State : Karnataka	Pin Code: 590018
A4. Type of the Institution : Autonomous CAY(2021-22)	
A5. Ownership Status : Self financing	

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

- No. of UG programs: **8**
- No. of PG programs: **2**

Table No. A6.1: List of all programs offered by the Institute.

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Computer Application	PG	Master of Computer Application	2023	--	Computer Application
2	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2020	--	Computer Science and Engineering
3	Engineering & Technology	UG	Civil Engineering	2014	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	1997	--	Computer Science and Engineering
5	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence)	2022	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2022	--	Computer Science and Engineering
7	Engineering & Technology	UG	Electrical & Electronics Engineering	2007	--	Electrical and Electronics Engineering
8	Engineering & Technology	UG	Electronics & Communication Engineering	1997	--	Electronics and Communication Engineering

9	Engineering & Technology	UG	Mechanical Engineering	1997	--	Mechanical Engineering
10	Management	PG	Master of Business Administration	2007	--	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 Engineering	Yes	Computer Science and Engineering	UG
Electronics and Communication Engineering	No	Electronics & Communication 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 Engineering	Artificial Intelligence and Machine Learning	UG
Computer Science and Engineering	Computer Science and Engineering (Artificial Intelligence)	UG
Computer Science and Engineering	Computer Science and Engineering (Data Science)	UG

PART-B: Program information

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

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

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION																																																																																																																								
1	Computer Science and Engineering	UG	1997 / --	45	Yes	2014	180	2014	"F.No. South-West/ 1-2018889621/ 2014/EOA, Date: 04.06.2014"	Granted accreditation for 3 years for the period (specify period)	--	--	3	4																																																																																																																								
<table><tr><th colspan="15">Sanctioned Intake for Last Five Years for the Computer Science and Engineering</th></tr><tr><th colspan="4">Academic Year</th><th colspan="11">Sanctioned Intake</th></tr><tr><td colspan="4">2024-25</td><td colspan="11">180</td></tr><tr><td colspan="4">2023-24</td><td colspan="11">180</td></tr><tr><td colspan="4">2022-23</td><td colspan="11">180</td></tr><tr><td colspan="4">2021-22</td><td colspan="11">180</td></tr><tr><td colspan="4">2020-21</td><td colspan="11">180</td></tr><tr><td colspan="4">2019-20</td><td colspan="11">180</td></tr></table>															Sanctioned Intake for Last Five Years for the Computer Science and Engineering															Academic Year				Sanctioned Intake											2024-25				180											2023-24				180											2022-23				180											2021-22				180											2020-21				180											2019-20				180										
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2019-20				180																																																																																																																																		

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED
1	Computer Science and Engineering	Computer Science and Engineering (Data Science)	UG	2022 / --	60	Yes	2023	120	2023	"F.No. South-West/ 1-36496283906 /2023/EOA, Date: 17-Jun-2023"	Not eligible for accreditation	--	--	0

Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Data Science)

Academic Year	Sanctioned Intake
2024-25	120
2023-24	120
2022-23	60
2021-22	0
2020-21	0
2019-20	0

2	Computer Science and Engineering	Artificial Intelligence and Machine Learning	UG	2020 / --	60	Yes	2022	180	2022	F.No. South-West/ 1-10973825718/ 2022/EOA, Date: 03-Jul-2022	Eligible but not applied	--	--	0
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Sanctioned Intake for Last Five Years for the Artificial Intelligence and Machine Learning

Academic Year	Sanctioned Intake
2024-25	180
2023-24	180
2022-23	180
2021-22	120
2020-21	60
2019-20	0

3	Computer Science and Engineering	Computer Science and Engineering (Artificial Intelligence)	UG	2022 / --	60	Yes	2023	120	2023	"F.No. South-West/ 1-36496283906 /2023/EOA, Date: 17-Jun-2023"	Not eligible for accreditation	--	--	0
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SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED
Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Artificial Intelligence)														
Academic Year			Sanctioned Intake											
2024-25			120											
2023-24			120											
2022-23			60											
2021-22			0											
2020-21			0											
2019-20			0											

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

A. Name of the HoD :	Dr. R.N. Kulkarni
B. Nature of appointment:	Regular
C. Qualification:	M.Tech 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)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2020-21 (CAYm4)	2019-20 (CAYm5)	2018-19 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	180	180	180	180	180	180	180
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	175	181	181	178	179	175	177
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	18	18	21	17	11	8
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	9	9	9	9	9	9	9
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	184	208	208	208	205	195	194

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]
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2024-25 (CAY)	180	175	9	102.22
2023-24 (CAYm1)	180	181	9	105.56
2022-23 (CAYm2)	180	181	9	105.56

Average [(ER1 + ER2 + ER3) / 3] = 104.45≡ 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	(2020-21) LYG	(2019-20) LYGm1	(2018-19) 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).	205.00	195.00	194.00
B=No. of students who graduated from the program in the stipulated course duration	177.00	176.00	165.00
Success Rate (SR)= (B/A) * 100	86.34	90.26	85.05

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 87.22

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(2023-24)	CAYm2(2022-23)	CAYm3 (2021-22)
Mean of CGPA or mean percentage of all successful students(X)	7.14	8.33	7.83
Y=Total no. of successful students	187.00	188.00	186.00
Z=Total no. of students appeared in the examination	181.00	181.00	178.00
API [X*(Y/Z)]	7.38	8.65	8.18

Average API[(AP1+AP2+AP3)/3] : 8.07

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 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
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)	8.03	8.07	7.34
Y=Total no. of successful students	208.00	201.00	199.00
Z=Total no. of students appeared in the examination	206.00	207.00	204.00
API [X * (Y/Z)]	8.11	7.84	7.16

Average API [(AP1 + AP2 + AP3)/3] : 7.70

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 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
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)	7.84	7.36	7.81
Y=Total no. of successful students	201.00	197.00	187.00

Z=Total no. of students appeared in the examination	201.00	199.00	188.00
API [$X*(Y/Z)$]:	7.84	7.29	7.77

Average API [(AP1 + AP2 + AP3)/3] : 7.63

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2020-21)	LYGm1(2019-20)	LYGm2(2018-19)
FS*=Total no. of final year students	197.00	191.00	188.00
X=No. of students placed	73.00	99.00	145.00
Y=No. of students admitted to higher studies	2.00	0.00	3.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	38.07	51.83	78.72

Average Placement Index = (P_1 + P_2 + P_3)/3: 56.21 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. R.N. Kulkarni	XXXXXXX75C	M.Tech and Ph.D.	VTU Belagavi	Software Engg.	11/03/2002	23.4	Professor	Professor	11/03/2002	Regular	Yes		Yes
2	Dr. C K Srinivas	XXXXXXX10R	M.Tech and Ph.D.	VTU Belagavi	Software Engg.	05/08/2006	19	Lecturer	Professor	01/09/2023	Regular	Yes		No
3	Dr. P. Phaniram prasad	XXXXXXX84L	M.Tech and Ph.D.	VTU Belagavi	Software Engg.	01/09/1999	25.11	Lecturer	Professor	01/08/2024	Regular	Yes		No
4	Dr. Jagadeesh R M	XXXXXXX53L	M.Tech and Ph.D.	VTU Belagavi	Computer Networks	01/02/2010	12.2	Lecturer	Professor	01/08/2024	Regular	No	31/03/2022	No
5	Dr. Anita Patil	XXXXXXX03J	M.Tech and Ph.D.	VTU Belagavi	Computer Networks	18/08/2006	18.11	Lecturer	Professor	01/08/2024	Regular	Yes		No

6	Dr. Chidananda H	XXXXXXX72Q	M.Tech and Ph.D.	VTU Belagavi	Computer Science & Engg.	01/04/2023	2.4	Associate Professor	Associate Professor	01/04/2023	Regular	Yes		No
7	Dr. Sudhakar Avarreddy	XXXXXXX29J	M.Tech and Ph.D.	VTU Belagavi	Computer Networks	11/08/2008	16.11	Lecturer	Associate Professor	01/07/2024	Regular	Yes		No
8	Dr. Sheetal Janthakal	XXXXXXX60A	M.Tech and Ph.D.	VTU Belagavi	Computer Networks	18/07/2016	9	Assistant Professor	Associate Professor	01/01/2024	Regular	Yes		No
9	Mrs. Pratibha Mishra	XXXXXXX17J	M.Tech	VTU Belagavi	Computer Networks	07/08/2007	17.11	Lecturer	Assistant Professor		Regular	Yes		No
10	Mr. Dadapeer	XXXXXXX77J	M.Tech	VTU Belagavi	Computer Networks	01/02/2010	15.6	Lecturer	Assistant Professor		Regular	Yes		No
11	Mr. Usman K	XXXXXXX54F	M.Tech	VTU Belagavi	Computer Networks	22/04/2008	17.3	Lecturer	Assistant Professor		Regular	Yes		No
12	Mr. Hayath T M	XXXXXXX82D	M.Tech	VTU Belagavi	Digital Electronics	15/01/2009	16.6	Lecturer	Assistant Professor		Regular	Yes		No
13	Mr. Virupaksha Gouda R	XXXXXXX43L	M.Tech	VTU Belagavi	Computer Networks	13/10/2008	16.9	Lecturer	Assistant Professor		Regular	Yes		No
14	Mr. Chandrashekar V	XXXXXXX05N	M.Tech	VTU Belagavi	Computer Science & Engg.	08/12/2021	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Dr. T R Muhibur Rahman	XXXXXXX24G	M.Tech and Ph.D.	Shri J.J.T. University	Wireless Networks	15/03/2007	18.4	Associate Professor	Associate Professor	01/08/2011	Regular	Yes		No
16	Mr. Mohammed Shafiulla	XXXXXXX19D	M.Tech	VTU Belagavi	Computer Networks	01/01/2011	14.7	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mrs. Shwethashree A	XXXXXXX36R	M.Tech	VTU Belagavi	Computer Networks	01/08/2013	12	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mrs. Shenaz Begum S	XXXXXXX38R	M.Tech	VTU Belagavi	Computer Networks	01/08/2013	12	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mr. Azhar Baig	XXXXXXX30Q	M.Tech	VTU Belagavi	Computer Networks	01/08/2014	7.11	Assistant Professor	Assistant Professor		Regular	No	18/07/2022	No
20	Mr. Kiran M A	XXXXXXX74J	M.Tech	VTU Belagavi	Computer Science & Engg..	01/08/2014	11	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Mr. Hari Krishan H	XXXXXXX75N	M.Tech	VTU Belagavi	Computer Networks	01/08/2014	11	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Mr. Bimanna Alaladinni	XXXXXXX67G	M.Tech	VTU Belagavi	Computer Science & Engg.	01/08/2014	11	Assistant Professor	Assistant Professor		Regular	Yes		No

23	Mr. Sreenivasa M	XXXXXXX62B	M.Tech	VTU Belagavi	Computer Science & Engg.	01/08/2007	18	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mr. Srisailanath	XXXXXXX73F	M.Tech	VTU Belagavi	Computer Networks	01/02/2016	9.6	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mrs. Jagadevi Puranikmath	XXXXXXX11G	M.Tech	VTU Belagavi	Computer Science & Engg.	18/07/2016	9	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mrs. Lakshmi Sharma	XXXXXXX46Q	M.Tech	VTU Belagavi	Computer Science & Engg.	10/07/2021	4	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Mrs. Steffi Nivedita	XXXXXXX90J	M.Tech	VTU Belagavi	Computer Science & Engg.	04/05/2022	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Mr. Narasimharaju Paka	XXXXXXX27G	M.Tech	VTU Belagavi	Computer Science & Engg.	01/08/2022	3	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Ms. Manjula K	XXXXXXX73J	M.Tech	VTU Belagavi	Computer Science & Engg.	21/06/2022	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Mrs. Madhuri Akki	XXXXXXX78L	M.Tech	VTU Belagavi	Computer Science & Engg.	10/10/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Mrs. Varada Alekhya	XXXXXXX27H	M.Tech	VTU Belagavi	Computer Science & Engg.	01/06/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Mrs. Sameena Yasmeen	XXXXXXX29G	M.Tech	VTU Belagavi	Computer Science & Engg.	02/12/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Mr. Vedavyas J	XXXXXXX17N	M.Tech	VTU Belagavi	Computer Science & Engg.	01/08/2018	5.7	Assistant Professor	Assistant Professor		Regular	No	01/03/2024	No
34	Mrs. Swathi D V	XXXXXXX84J	M.Tech	VTU Belagavi	Computer Science & Engg.	02/08/2013	10.1	Assistant Professor	Assistant Professor		Regular	No	31/08/2023	No
35	Mrs. Tejashwini S G	XXXXXXX72L	M.Tech	VTU Belagavi	Computer Science & Engg.	01/08/2013	8.8	Assistant Professor	Assistant Professor		Regular	No	31/03/2022	No
36	Ms. Aishwarya R Nayaka	XXXXXXX54P	M.Tech	VTU Belagavi	Computer Science & Engg.	01/06/2016	5.4	Assistant Professor	Assistant Professor		Regular	No	30/09/2021	No
37	Mrs. Neema Joshi	XXXXXXX57D	M.Tech	VTU Belagavi	Computer Science & Engg.	01/08/2017	4.4	Assistant Professor	Assistant Professor		Regular	No	28/12/2021	No

38	Mrs. Chaitanya Rani A.B	XXXXXX67A	M.Tech	VTU Belagavi	Computer Science & Engg.	01/02/2020	2.4	Assistant Professor	Assistant Professor		Regular	No	30/06/2022	No
39	Mrs. Deepika Y	XXXXXX32M	M.Tech	VTU Belagavi	Computer Science & Engg.	01/02/2020	1.5	Assistant Professor	Assistant Professor		Regular	No	23/07/2021	No
40	Dr. Rajashree V. Biradar	XXXXXX63L	M.Tech and Ph.D.	Shivaji University, Kollapur	WSN	29/08/2005	18	Lecturer	Professor	29/08/2012	Regular	No	31/08/2023	No
41	Dr. Jagadeesh R M	XXXXXX53L	M.Tech and Ph.D.	VTU, Belagavi	Computer Networks	15/09/2023	1.10	Associate Professor	Professor	01/08/2024	Regular	Yes		No
42	Mr. Azhar Baig	XXXXXX30Q	M.Tech	VTU, Belagavi	Computer Networks	01/08/2024	1	Assistant Professor	Assistant Professor		Regular	Yes		No

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

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. Vidyavathi B M	XXXXXX92F	XXXXXXXX925	M.Tech and Ph.D.	VTU, Belagavi	Data Mining, Artificial Intelligence	01/09/2000	24.11	Assistant Professor	Professor	02/05/2005	Regular	Yes		Yes
2	Dr. Mallikarjuna A	XXXXXX31B	XXXXXXXX458	M.Tech and Ph.D.	VTU, Belagavi	Mobile Adhoc Networks (MANET's) Computer Networks	01/09/2023	1.11	Associate Professor	Professor	01/08/2024	Regular	Yes		No
3	Dr. Renuka Sagar R	XXXXXX49F	XXXXXXXX585	M.Tech and Ph.D.	VTU, Belagavi	IOT and ML.	01/09/2023	1.11	Associate Professor	Professor	01/08/2024	Regular	Yes		No
4	Dr. Noorullah Shariff C	XXXXXX13R	XXXXXXXX305	M.Tech and Ph.D.	Monad University	Computer Networks	01/09/2022	2.11	Professor	Professor	01/09/2022	Regular	Yes		No
5	Dr. Hemavathi	XXXXXX89R	XXXXXXXX017	M.Tech and Ph.D.	VTU, Belagavi	Digital Image Processing,	01/08/2023	2	Assistant Professor	Associate Professor	01/12/2023	Regular	Yes		No
6	Dr. Phanindra Reddy K	XXXXXX82E	XXXXXXXX370	M.Tech and Ph.D.	VTU, Belagavi	Computer Network Security	01/06/2023	2.2	Associate Professor	Associate Professor	01/06/2023	Regular	Yes		No

7	Mrs. Asha Jyothi P	XXXXXXX35K	XXXXXXXXX374	M.Tech	JNTU	Computer Science & Engg	05/06/2023	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mr. Srinath V Devale	XXXXXXX42C	XXXXXXXXX723	M.Tech	NIT-AP	Computer science and Data Analytics	16/07/2024	1	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mr. Praveena Kumar CTM		XXXXXXXXX880	M.Tech	VTU, Belagavi	Computer Network Engineering	04/04/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mrs. Kavya Sree K	XXXXXXX91N	XXXXXXXXX241	M.Tech	VTU, Belagavi	Computer Science & Engg	02/03/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mr. Reddy Santosh Kumar		XXXXXXXXX007	M.Tech	VTU, Belagavi	Computer Science & Engg	25/04/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mrs. Vijayalaxmi B M	XXXXXXX01K	NA	M.Tech	VTU, Belagavi	Computer Network Engineering	01/02/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mrs. Rachel Evangeline Christian	XXXXXXX99A	XXXXXXXXX692	M.Tech	VTU, Belagavi	Computer Network Engineering	04/05/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mrs. Thejaswini H	XXXXXXX64E	NA	M.Tech	VTU, Belagavi	Computer Science & Engg.	03/03/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mrs. Veena Patil	XXXXXXX43C	NA	M.Tech	VTU, Belagavi	Computer Network Engineering	10/06/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Ms. Shilpa R		NA	M.Tech	SK University	Computer Science & Engg	01/06/2022	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mrs. Hosmani Manikeshwari		XXXXXXXXX715	M.Tech	VTU, Belagavi	Computer Science & Engg	05/06/2023	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mrs. Aishwarya R Nayaka		NA	M.Tech	VTU, Belagavi	Computer Science & Engg..	01/06/2022	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mrs. Chandini M S	XXXXXXX96E	NA	M.Tech	VTU, Belagavi	Computer Networks	11/02/2020	5.5	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms. Pallavi K	XXXXXXX64Q	NA	M.Tech	VTU, Belagavi	Computer Network Engineering	02/12/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Mr. Shivraj Patil P	XXXXXXX35D	NA	M.Tech	VTU, Belagavi	Computer Science & Engg.	02/12/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No

22	Mr. Amar Patil	XXXXXXX24J	NA	M.Tech	VTU, Belagavi	Computer Network Engineering	02/12/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Mrs. Ashlekha Jain	XXXXXXX73Q	NA	M.Tech	VTU, Belagavi	Computer Network Engineering	02/12/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mrs. Chaitanya Rani A.B	XXXXXXX67A	NA	M.Tech	VTU, Belagavi	Computer Science & Engg.	02/12/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mrs. Syeda Badrunnisa Begum	XXXXXXX16P	NA	M.Tech	VTU, Belagavi	Computer Science & Engg	01/02/2022	2.7	Assistant Professor	Assistant Professor		Regular	No	14/09/2024	No
26	Dr. Girish Kumar D	XXXXXXX29L	NA	M.Tech and Ph.D.	VTU, Belagavi	Computer Networks (MANET's) Computer Networks	01/12/2011	11.9	Assistant Professor	Associate Professor	02/08/2021	Regular	No	31/08/2023	No
27	Dr. Aradhana. D	XXXXXXX76K	XXXXXXXXX532	M.Tech and Ph.D.	JNTU, Hyderabad	Image Processing	01/09/2003	21.11	Assistant Professor	Professor	01/08/2016	Regular	Yes		No
28	Mr. Manjunath Kammar	XXXXXXX62G	XXXXXXXXX762	M.Tech	VTU, Belagavi	Image Processing, Machine Learning	08/01/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Mrs. Parvathi	XXXXXXX00A	NA	M.Tech	VTU, Belagavi	Computer Networks (MANET's) Computer Networks	01/03/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Ms. Archana Budagavi	XXXXXXX41J	NA	M.Tech	VTU, Belagavi	VLSI Design	01/01/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Mrs. Anushya V P	XXXXXXX36G	XXXXXXXXX466	M.Tech	JNTU, Hyderabad	VLSI Design	12/04/2024	1.3	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Mrs. Kavyashree S N	XXXXXXX65H	NA	M.Tech	VTU, Belagavi	DCN	20/06/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Ms. Umadevi B E	XXXXXXX63G	NA	M.Tech	VTU, Belagavi	Computer Science & Engg.	05/10/2023	1.10	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Dr. Suresh Y	XXXXXXX60R	XXXXXXXXX852	M.Tech and Ph.D.	NIT - Rourkela	AI&ML	31/08/2017	7.11	Associate Professor	Professor	31/08/2023	Regular	Yes		No
35	Mr. Rajashekarreddy	XXXXXXX52N	XXXXXXXXX590	M.Tech	VTU, Belagavi	Computer science and engineering	01/01/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No

36	Mr. Sandeep Vikram P	XXXXXXXX91P	XXXXXXXX441	M.Tech	VTU, Belagavi	Computer Networks	01/12/2023	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mrs. Amrutha H	XXXXXXXX53G	NA	M.Tech	VTU, Belagavi	Digital Communication and Networking	05/10/2023	1.8	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No
38	Ms. Prema	XXXXXXXX62A	XXXXXXXX746	M.Tech	VTU, Belagavi	Digital communication and networking	13/12/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Dr. Rajashree V. Biradar	XXXXXXXX63L	NA	M.Tech and Ph.D.	Shivaji University, Kolhapur	WSN	01/09/2023	0.11	Professor	Professor	01/09/2023	Regular	No	07/08/2024	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 Department4 No. of PG Programs in the Department0
Table No.C2.1: Student-faculty ratio.

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	197	198	198
UG1.C	196	198	195
UG1.D	198	195	189
UG1: Computer Science and Engineering	591	591	582
UG2.B	124	65	0
UG2.C	65	0	0
UG2.D	0	0	0
UG2: Computer Science and Engineering (Artificial Intelligence)	189	65	0
UG3.B	198	198	130
UG3.C	197	130	60
UG3.D	130	60	0

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG3: Artificial Intelligence and Machine Learning	525	388	190
UG4.B	125	65	0
UG4.C	65	0	0
UG4.D	0	0	0
UG4: Computer Science and Engineering (Data Science)	190	65	0
DS=Total no. of students in all UG and PG programs in the Department	591	591	582
AS=Total no. of students of all UG and PG programs in allied departments	904	518	190
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1495	S2= 1109	S3= 772
DF=Total no. of faculty members in the Department	31	29	29
AF= Total no. of faculty members in the allied Departments	30	19	14
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 61	F2= 48	F3= 43
FF=The faculty members in F who have a 100% teaching load in the first-year courses	6	4	3
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 27.18	SFR2= 25.20	SFR3= 19.30
Average SFR for 3 years	SFR= 23.89		

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]
2024-25(CAY)	17	44	74.00	11.69
2023-24(CAYm1)	10	37	55.00	11.27
2022-23(CAYm2)	7	36	38.00	14.08

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

2024-25	8.00	11.00	16.00	6.00	49.00	44.00
2023-24	6.00	5.00	12.00	6.00	36.00	37.00
2022-23	4.00	4.00	8.00	3.00	25.00	36.00
Average	RF1=6.00	AF1=6.67	RF2=12.00	AF2=5.00	RF2=36.67	AF2=39.00

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	Mrs. Ragini	Manager	IU Solutions	Ability Enhancement Course / Skill Development Course (22ADA57)	54.00
2	Mr. Mahendra	Founder	Gryphon Academy	Professional Skills for the Workplace (22PSW47)	60.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mrs. Ragini	Manager	IU Solutions	Ability Enhancement Course / Skill Development Course (22ADA57)	60.00
2	Mr. Mahendra	Founder	Mahendra Academy	Professional Skills for the Workplace (22PSW47)	60.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mrs. Ragini	Manager	IU Solutions	Ability Enhancement Course / Skill Development Course (22ADA57)	60.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
1	No. of peer reviewed journal papers published	6	7	3
2	No. of peer reviewed conference papers published	16	10	7
3	No. of books/book chapters published	0	0	0

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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

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

Note*:

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

C8. Consultancy Work

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

(CAYm1)

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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

Total amount (Lacs) received for the past 3 years: 0.00

Note*:

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

C9. Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. R.N. Kulkarni	Paper Publication	3 Months	0.20	0.20	Paper Published
Dr. Yeresime Suresh	Paper Publication	3 Months	0.36	0.36	Paper Published
Dr. C K Srinivas	Patent / Paper Publication	3 Months	0.24	0.24	Published
Dr. Girish Kumar D	Patent Publication and Consultation	3 Months	0.15	0.15	Patent Published
Dr. Rajashree V Biradar	Patent Publication	3 Months	0.32	0.32	Patent Published
Dr. P. Pani Rama Prasad	Paper Publication	3 Months	0.05	0.05	Paper Published
Mr. Mohammed Shafiulla	Paper Publication	3 Months	0.06	0.06	Paper Published
Mr. Sudhakar Avarreddy	Paper Publication	3 Months	0.03	0.03	Paper Published
Dr. Aradhana. D	Paper Publication	3 Months	0.28	0.28	Paper Published
Dr. Chidananda H	Paper Publication	3 Months	0.03	0.03	Paper Published
Mrs. Varada Alekhya	Paper Publication	3 Months	0.03	0.03	Paper Published
Mr. Chandrashekar V	Paper Publication	3 Months	0.05	0.05	Paper Published
			Amount received (Rs.): 1.80		

(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. R.N. Kulkarni	Paper Publication	3 Months	0.03	0.03	Paper Published
Dr. Yeresime Suresh	Paper Publication	3 Months	0.14	0.14	Paper Published
Dr. Girish Kumar D	Patent Publication and Consultation	3 Months	0.05	0.05	Patent Published
Dr. C K Srinivas	Patent / Paper Publication	3 Months	0.10	0.10	Published
Mr. Venkateshwara A	Paper Publication	3 Months	0.05	0.05	Paper Published
Dr. P. Pani Rama prasad	Paper Publication	3 Months	0.03	0.03	Paper Published
Mr. Sudhakar Avarreddy	Paper Publication	3 Months	0.03	0.03	Paper Published
Mrs. Sheetal J	Paper Publication	3 Months	0.10	0.10	Paper Published
Mr. Vedavyas J	Paper Publication	3 Months	0.07	0.07	Paper Published
Mr. Mohammed Shafiulla	Patent Publication and Consultation	3 Months	0.05	0.05	Patent Published
			Amount received (Rs.): 0.65		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. R.N. Kulkarni	Patent Publication and Consultation	3 Months	0.40	0.37	Patent Published
Dr. Rajashree V Biradar	Paper Publication	3 Months	0.05	0.05	Paper Published
Dr. Jagadish R M	Paper Publication	3 Months	0.06	0.06	Paper Published
Dr. Yeresime Suresh	Paper Publication	3 Months	0.04	0.04	Paper Published
Dr. Sridhar S K	Paper Publication	3 Months	0.06	0.06	Paper Published
Mrs. Anita S Patil	Paper Publication	3 Months	0.10	0.10	Paper Published
			Amount received (Rs.): 0.71		

Total amount (Lacs) received for the past 3 years : 3.16

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	Algorithms Lab / DBMS Lab	25	1. Computer Systems 2. Printer 3. Networking Switch 4. UPS 5. T.V	75%	Mr. Basavaraj S.	Asst. Instructor	Diploma in CSE
2	Operating Systems Lab/ Computer Networks Lab	25	1. Computer Systems 2. Printer 3. Networking Switch 4. UPS 5. T.V	75%	Mr. Sunitha S	Asst. Instructor	Diploma In CSE
3	Data Structures Lab	25	1. Computer Systems 2. Printer 3. Networking Switch 4. UPS 5. T.V	75%	Mr. Sharanabasappa.A	Asst. Instructor	Diploma in CSE
4	AI/ML Lab	25	1. Computer Systems 2. Printer 3. Networking Switch 4. Projector 5. UPS	75%	Mr. Sharanabasappa. A	Asst. Instructor	Diploma in CSE
5	Mobile Application Development Lab	25	1. Computer Systems 2. Networking Switch 3. UPS 4. Projector	75%	Ms. Sahana	Supervisor	BCA
6	EC-LD Lab/ Microprocessor Lab	25	1. Computer Systems 2. CRO 3. Trainer kit 4. LPC 2148 π c Kit 5. Stepper Motor 6. DC Motor 7. UPS 8. Projector	75%	Mr. Khalik Basha C	Asst. Instructor	Diploma In ECE
7	Computer Programming Lab	25	1. Computer Systems 2. Networking Switch 3. UPS 4. Projector	75%	Mr. Ravi Kumar G.	Asst. Instructor	Diploma in CSE

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Algorithms Lab/ DBMS Lab	<ul style="list-style-type: none"> General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. First aid box and a fire extinguisher are available in the lab. Systems are provided with UPS back up. Ergonomical chairs are provided. MCB is installed. Proper lighting and ventilation facility. Proper earthing is provided. No sharp edges and loose cables. Air conditions are installed for the comfortable working environment.
2	Operating System Lab/ Computer Network Lab	<ul style="list-style-type: none"> General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. First aid box and a fire extinguisher are available in the lab. Systems are provided with UPS back up. Ergonomical chairs are provided. MCB is installed. Proper lighting and ventilation facility. Proper earthing is provided. No sharp edges and loose cables. Air conditions are installed for the comfortable working environment.
3	Data Structures Lab	<ul style="list-style-type: none"> General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. First aid box and a fire extinguisher are available in the lab. Systems are provided with UPS back up. Ergonomical chairs are provided. MCB is installed. Proper lighting and ventilation facility. Proper earthing is provided. No sharp edges and loose cables. Air conditions are installed for the comfortable working environment.
4	AI/ML Lab	<ul style="list-style-type: none"> General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. First aid box and a fire extinguisher are available in the lab. Systems are provided with UPS back up. MCB is installed. Proper lighting and ventilation facility. Proper earthing is provided. No sharp edges and loose cables. Air conditions are installed for the comfortable working environment.
5	Mobile Application Development Lab	<ul style="list-style-type: none"> General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. First aid box and a fire extinguisher are available in the lab. Systems are provided with UPS back up. MCB is installed. Proper lighting and ventilation facility. Proper earthing is provided. No sharp edges and loose cables. Air conditions are installed for the comfortable working environment.

6	Research & Development Lab	<ul style="list-style-type: none"> • General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. • First aid box and a fire extinguisher are available in the lab. • Systems are provided with UPS back up. • Ergonomical chairs are provided. • MCB is installed. • Proper lighting and ventilation facility. • Proper earthing is provided. • No sharp edges and loose cables. • Air conditions are installed for the comfortable working environment.
7	Computer Programming Lab	<ul style="list-style-type: none"> • General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. • First aid box and a fire extinguisher are available in the lab. • Systems are provided with UPS back up. • MCB is installed. • Proper lighting and ventilation facility. • Proper earthing is provided. • No sharp edges and loose cables.
8	EC-LD Lab/ Micro Processor Lab	<ul style="list-style-type: none"> • General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. • First aid box and a fire extinguisher are available in the lab. • Systems are provided with UPS back up. • MCB is installed. • Proper lighting and ventilation facility. • Proper earthing is provided. • No sharp edges and loose cables.
9	Project Work Lab	<ul style="list-style-type: none"> • General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. • First aid box and a fire extinguisher are available in the lab. • Systems are provided with UPS back up. • Ergonomical chairs are provided. • MCB is installed. • Proper lighting and ventilation facility. • Proper earthing is provided. • No sharp edges and loose cables. • Air conditions are installed for the comfortable working environment.
10	IPCC Lab	<ul style="list-style-type: none"> • General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. • First aid box and a fire extinguisher are available in the lab. • Systems are provided with UPS back up. • Ergonomical chairs are provided. • MCB is installed. • Proper lighting and ventilation facility. • Proper earthing is provided. • No sharp edges and loose cables. • Air conditions are installed for the comfortable working environment.
11	Hardware Lab	<ul style="list-style-type: none"> • General rules of DO's and DON'Ts in Laboratory are displayed and instructed to the students. • First aid box and a fire extinguisher are available in the lab. • Systems are provided with UPS back up. • Ergonomical chairs are provided. • MCB is installed. • Proper lighting and ventilation facility. • Proper earthing is provided. • No sharp edges and loose cables.

D3. Project Laboratory/Research Laboratory

The department utilizes the Hardware Lab, IPCC Lab, Research Lab, and Project Lab which are available in the department. for research and project activities. The Project Lab is equipped with high-configuration systems, installed with both licensed and open-source operating systems, along with essential software and packages. All systems are connected via a LAN with internet access.

Project/ Research Laboratories:

SL No	Name of the Laboratory
1	Project Lab
2	IPCC Lab
3	Research and Development Lab
4	Hardware Lab

Sr. No.	Facility Name	Purpose for creating facility	Utilization	Relevance to POs/PSOs
1	Project Lab	Dedicated to final-year and mini projects where students apply theoretical knowledge to solve real-world problems.	<ul style="list-style-type: none"> Development of hardware/software prototypes aligned with curriculum requirements. Interdisciplinary projects in collaboration with other departments. Support for hackathons, innovation contests, and proof-of-concept (PoC) development. Guidance for UG dissertation work and student publications. 	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, POS1, PSO2.
2	Research and Development Lab	To facilitate faculty and student research in thrust areas.	<ul style="list-style-type: none"> Research work leading to Ph.D. theses, dissertations, and scholarly publications. Collaborative research with industry and other academic institutions. Hosting workshops, seminars, and training programs to disseminate research findings. 	PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10, PO11, PO12, POS1, PSO2.
3	IPCC Lab	It helps students in developing academic courses through a blended learning mode	<ul style="list-style-type: none"> Provides a platform for developing blended learning on latest technologies. 	PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10, PO11, PO12, PSO2.
4	Hardware Lab	The Hardware Lab, equipped with IoT kits and sensors, provides students hands-on experience in IoT, embedded systems, and real-time hardware interfacing.	<ul style="list-style-type: none"> Provides practical training on IoT-based applications and embedded systems. Support for interdisciplinary projects and innovation in emerging technologies. Facilitation of workshops and student projects involving sensors and actuators. 	PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2.

Project and Research Laboratories – System Configurations:

1	Project Lab	Hardware Details	
		IBM SERVER XE3200M2 Family	
		Processor	INTEL Xeon E3110 Dual Core
		Speed	3 GHz
		RAM	8GB
		HDD	146 GB SAS
		Keyboard	IBM
		Mouse	IBM
		DVD Drive	Combo Drive
		Clients	
		Make	Dell Optiplex 3060 SFF
		Processor	Intel Core i7,8th Gen @2.40 GHz
		Mother Board	DELL
		HDD	515 GB NVME
		RAM	16 GB DDR4
		Monitor	TFT 18.5"
		Key Board / Mouse	USB
		Switches	
		D-Link Gigabit (8 and 24 Port Ethernet) Switches	
		Software	
		Operating System	Windows 7 Professional, Ubuntu, NS3, Jdk Eclipse, Hadoop.

2	IPCC Lab	Hardware Details	
		Clients	
		Make	LENOVA Branded System
		Processor	Intel Core i5 CPU @ 2.93 Ghz
		Mother Board	Intel H81 Xpress Chipset
		HDD	256 GB SSD
		RAM	8 GB DDR3
		Monitor	TFT 18.5"
		Key Board / Mouse	USB
		Make	DELL Branded System
		Processor	Intel Core i7 CPU @ 2.93 Ghz
		Mother Board	Intel Q270 Chipset
		HDD	1 TB SSD
		RAM	32 GB DDR4
		Monitor	TFT 18.5"
		Key Board / Mouse	USB
		Projector	EPSON EB-WO6 Projector & Screen
		Switches	
		D-Link 48 Port and 24 port Gigabit	
		Software Details	
		Operating System	Windows 7 Professional, Ubuntu 10.12

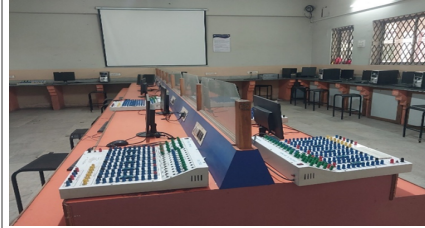
3	Research and Development Lab	Hardware Details	
		Clients	
		Make	Zenith Branded System, Assembled
		Processor	Intel H61 Core i5 3330
		Mother Board	Intel DB85FL Original
		HDD	320 GB
		RAM	8 GB DDR3
		Monitor	TFT 18.5"
		Key Board / Mouse	USB
		Switches	
		D-Link 52 port Gigabit Switch	
		Software Details	
		Operating System	Windows 10 Professional,
		Software's	NS2 / NS3 (Network Simulator), MATLAB Simulink, DrillBit plagiarism software, Rational Rose

4	Hardware Lab	Hardware Details	
		Clients	
		Make	Zenith Branded System, Assembled
		Processor	Intel Core i5 4th GEN 4440 @3.1 GHz. Intel Dual Core @ 2.2 GHz.
		Mother Board	Intel 945 chipset Intel DB85FL Original
		HDD	160 GB, 500 GB Seagate
		RAM	1GB, 8 GB DDR3
		Monitor	TFT 18.5", Dell 18.5" LED
		Key Board / Mouse	PS/2, RAPOO USB
		Switches	
		D-Link 24 port Gigabit	
		Software/Hardware Details	
		Operating System	Windows 7 Professional, Ubuntu 10.12
		Hardware equipment's	UTLP Kits

**Algorithms Lab / DBMS Lab****Operating Systems Lab/ Computer Networks Lab****Data Structures Lab****AI&ML Lab****Mobile Application Development Lab****Research and Development Lab**



Computer Programming Lab



EC-LD Lab/ Microprocessor Lab



Mini Project Lab



Hardware Lab (MTLC Lab)



IPCC LAB

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
2022-23(CAYm2)	960	48	34	32	70
2023-24(CAYm1)	1080	54	37	34	67
2024-25(CAY)	1080	54	42	31	74

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 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Infrastructure Built-Up	107.00	348.32	1259.00	1235.95	626.00	373.62	125.00	121.88
Library	39.75	57.81	32.00	62.56	33.50	24.57	36.50	34.28
Laboratory equipment	319.75	116.37	184.41	193.95	107.67	150.62	90.85	87.85
Teaching and non-teaching staff salary	2209.14	2292.97	2131.00	2068.74	1683.00	1692.87	1485.50	1439.95
Outreach Programs	7.50	4.43	7.75	7.37	1.00	6.80	1.00	0.80
R&D	22.15	19.32	14.60	10.06	22.51	6.58	10.80	3.50
Training, Placement and Industry linkage	38.45	29.00	37.00	22.16	20.70	25.16	14.10	10.51
SDGs	5.00	10.35	25.00	50.31	30.00	20.98	2.50	6.63
Entrepreneurship	30.00	4.46	11.00	6.65	39.71	28.04	0.00	0.00
Others, specify Maintenance and spares, , Miscellaneous	1133.30	1418.78	788.92	1102.87	613.60	883.22	744.39	707.42
Total	3912.04	4301.81	4490.68	4760.62	3177.69	3212.46	2510.64	2412.82

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 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Laboratory equipment	21.00	0.58	20.00	8.50	19.50	37.19	17.00	16.34
Software	0	0	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	0.50	0.46	0.50	0.74	0.25	0.13	0.00	0.06
R & D	4.00	2.16	2.00	2.63	3.00	2.23	2.00	0.68
Industrial Training, Industry expert, Internship	2.00	0.27	1.50	0.40	1.50	0.23	0.50	0
Miscellaneous Expenses*	526.00	521.59	453.00	468.21	420.50	425.68	359.50	347.73
Total	553.50	525.06	477.00	480.48	444.75	465.46	379.00	364.81