

**NATIONAL BOARD OF ACCREDITATION**

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

<b>Program Name</b> : Artificial Intelligence and Machine Learning	<b>Discipline</b> : Engineering & Technology
<b>Level</b> : Under Graduate	<b>Tier</b> : 1
<b>Application No</b> : 11297	<b>Date of Submission</b> : 27-11-2025

**PART A- Profile of the Institute**

<b>A1.Name of the Institute</b> : BNM Institute of Technology	
Year of Establishment : 2001	Location of the Institute: Bangalore
<b>A2. Institute Address</b> :BNM Institute of Technology 12th Main, 27th Cross, Banashankari 2nd Stage, Bangalore - 560070	
City:Bangalore Urban	State:Karnataka
Pin Code:560070	Website:www.bnmit.org
Email:principal@bnmit.in	Phone No(with STD Code):080-26711781
<b>A3. Name and Address of the Affiliating University (if any):</b>	
Name of the University : Visvesvaraya Technological University	City: Belgaum
State : Karnataka	Pin Code: 590018
<b>A4. Type of the Institution</b> : Self-Supported Institute	
<b>A5. Ownership Status</b> : Self financing	

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

- No. of UG programs: **6**
- No. of PG programs: **3**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2020	--	Artificial Intelligence and Machine Learning
2	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
3	Engineering & Technology	PG	Computer Science and Engineering	2010	--	Computer Science and Engineering
4	Engineering & Technology	UG	Electrical & Electronics Engineering	2002	--	Electrical and Electronics Engineering
5	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
6	Engineering & Technology	UG	Information Science & Engineering	2001	--	Information Science and Engineering
7	Engineering & Technology	UG	Mechanical Engineering	2011	--	Mechanical Engineering

8	Engineering & Technology	PG	VLSI Design & Embedded Systems	2010	--	Electronics and Communication Engineering
9	Management	PG	Master of Business Administration	2006	--	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
Artificial Intelligence and Machine Learning	Yes	Artificial Intelligence and Machine Learning	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	Computer Science and Engineering	UG
Information Science and Engineering	Information Science & Engineering	UG
Computer Science and Engineering	Computer Science and Engineering	PG

**PART-B: Program information****B1. Provide the Required Information for the Program Applied For:**

Table No. B1: Program details.

**A. List of the Programs Offered by the Department:**

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Artificial Intelligence and Machine Learning	UG	2020 / --	120	No	NA	120	2020	F.No. South-West/1-7002893238/2020/EOA	Applying first time	--	--	0	4

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 ACCREDI
1	Computer Science and Engineering	Computer Science and Engineering	UG	2001 / --	60	Yes	2022	180	2022	F.No. South-West/1-10973700081/2022/EOA	Granted accreditation for 3 years for the period (specify period)	2018	2028	3
<b>Sanctioned Intake for Last Five Years for the Computer Science and Engineering</b>														
<b>Academic Year</b>			<b>Sanctioned Intake</b>											
2025-26			180											
2024-25			180											
2023-24			180											
2022-23			180											
2021-22			120											
2020-21			120											
2	Computer Science and Engineering	Computer Science and Engineering	PG	2010 / --	18	No	NA	18	2010	No. South-West Region/1-8284991/2010/EOA	Not eligible for accreditation	--	--	0
3	Information Science and Engineering	Information Science & Engineering	UG	2001 / --	60	No	NA	60	2001	F.No.770-53-036(NDEG)/ET/2001	Granted accreditation for 3 years for the period (specify period)	2018	2028	3

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

A. Name of the HoD :	Dr. Sheba Selvam
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	120	120	120	120	0

N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	116	109	120	121	117	98	0
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	12	12	12	12	0	0
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	6	6	6	5	6	6	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	122	127	138	138	135	104	0

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

B4. Enrolment Ratio in the First Year

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

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	120	116	6	101.67
2024-25 (CAYm1)	120	109	6	95.83
2023-24 (CAYm2)	120	120	6	105.00

Average [ (ER1 + ER2 + ER3) / 3 ] = 100.83≅ 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).	134.00	120.00	0.00
B=No. of students who graduated from the program in the stipulated course duration	130.00	102.00	0.00
Success Rate (SR)= (B/A) * 100	97.01	85.00	0.00

Average SR of three batches ((SR\_1+ SR\_2+ SR\_3)/3): 91.00

B6. Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1( 2024-25 )	CAYm2( 2023-24 )	CAYm3 ( 2022-23 )
X=(Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	8.73	8.61	8.59
Y=Total no. of successful students	115.00	123.00	122.00
Z=Total no. of students appeared in the examination	115.00	126.00	123.00
API [X*(Y/Z)]	8.73	8.40	8.52

Average API[ (AP1+AP2+AP3)/3 ] : 8.55

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)	8.31	8.43	8.21
Y=Total no. of successful students	136.00	136.00	134.00
Z=Total no. of students appeared in the examination	135.00	134.00	135.00
API [ X * (Y/Z) ]	8.37	8.56	8.15

Average API [ (AP1 + AP2 + AP3)/3 ] : 8.36

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	8.57	8.52	7.98
Y=Total no. of successful students	136.00	134.00	109.00
Z=Total no. of students appeared in the examination	136.00	134.00	109.00
API [ X*(Y/Z) ]:	8.57	8.52	7.98

Average API [ (AP1 + AP2 + AP3)/3 ] : 8.36

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	134.00	120.00	0.00
X=No. of students placed	93.00	87.00	0.00
Y=No. of students admitted to higher studies	10.00	11.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	76.87	81.67	0.00

Average Placement Index = (P\_1 + P\_2 + P\_3)/3: 79.27 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. Sheba Selvam	XXXXXXX35P	Ph.D	NIT Tiruchirappalli	Social Media Retrieval	05/10/2020	5.1	Associate Professor	Professor	01/09/2022	Regular	Yes		Yes
2	Dr. Divya Shree B A	XXXXXXX41A	Ph.D	Vinayaka Mission University	Information Technology	30/08/2023	2.2	Professor	Professor	30/08/2023	Regular	Yes		No
3	Dr. Tejaswini R Murgod	XXXXXXX12R	Ph.D	Visvesvaraya Technological University	Sensor Networks, AI, IoT	12/04/2023	2.7	Associate Professor	Professor	29/08/2024	Regular	Yes		No
4	Dr. Kakoli Bora	XXXXXXX10R	Ph.D	Visvesvaraya Technological University	Machine Learning	01/08/2024	1.3	Associate Professor	Associate Professor	01/08/2024	Regular	Yes		No
5	Dr. Sunita R	XXXXXXX45K	Ph.D	Visvesvaraya Technological University	WSN, ML	25/10/2021	4.1	Assistant Professor	Associate Professor	28/03/2022	Regular	Yes		No
6	Dr. Anitha C	XXXXXXX54D	Ph.D	Visvesvaraya Technological University	Image Processing & Pattern Recognition	21/08/2023	2.3	Associate Professor	Associate Professor	21/08/2023	Regular	Yes		No
7	Dr. Mahantesha U	XXXXXXX36N	Ph.D	Visvesvaraya Technological University	Image Processing	20/10/2022	3.1	Assistant Professor	Associate Professor	04/12/2023	Regular	Yes		No
8	Dr. Nagarathna C R	XXXXXXX14F	Ph.D	Visvesvaraya Technological University	Deep Learning	25/05/2022	3.6	Assistant Professor	Associate Professor	04/12/2023	Regular	Yes		No
9	Dr. Vani K A	XXXXXXX45Q	Ph.D	Visvesvaraya Technological University	Computer Networks	31/07/2025	0.3	Associate Professor	Associate Professor	31/07/2025	Regular	Yes		No
10	Dr. Halaharvi Keerthi	XXXXXXX16N	Ph.D	Visvesvaraya Technological University	Image Processing	29/08/2022	3.2	Assistant Professor	Associate Professor	28/08/2024	Regular	Yes		No
11	Dr. Anusha Preetham	XXXXXXX57R	Ph.D	Visvesvaraya Technological University	Machine Learning	12/08/2022	3.3	Associate Professor	Associate Professor	12/08/2022	Regular	No	31/12/2024	No
12	Mohanesh B M	XXXXXXX88Q	M.E.	University of Hof, Germany	Deep Learning, Machine Learning	18/03/2021	4.8	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Pavithra H C	XXXXXXX91R	M.Tech	Visvesvaraya Technological University	Computer Network Engineering	16/10/2021	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Poornima N	XXXXXXX39B	M.Tech	Visvesvaraya Technological University	Machine Learning	16/10/2021	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Arpitha Devangavi	XXXXXXX69L	M.Tech	Visvesvaraya Technological University	Data Mining	28/11/2022	3	Assistant Professor	Assistant Professor		Regular	Yes		No

16	Pankaja R	XXXXXXX70P	M.Tech	Visvesvaraya Technological University	Computer Networks, Machine Learning	12/04/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Pradip Kumar Das	XXXXXXX99R	M.Tech	Birla Institute of Technology	Machine Learning	25/01/2023	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Abhilasha P Kumar	XXXXXXX35C	M.Tech	Visvesvaraya Technological University	Computer Network Engineering	16/09/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Nayana R K	XXXXXXX27N	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	24/07/2024	1.4	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Kavya M S	XXXXXXX31J	M.Tech	Visvesvaraya Technological University	Computer Network and Engineering	19/08/2024	1.3	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Divya M S	XXXXXXX09J	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	30/08/2023	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Trupti Hegde	XXXXXXX61F	M.Tech	Bangalore University	Computer Science and Engineering	04/10/2023	2.1	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Kruthi P	XXXXXXX12R	M.Tech	JNTU Ananthapur	Artificial Intelligence	20/10/2023	2.1	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Shravya G Gowda	XXXXXXX62A	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	31/07/2025	0.3	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Kirti J	XXXXXXX46A	M.Tech	University of Visvesvaraya College of Engineering	Artificial Intelligence	23/07/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Jaya Shree	XXXXXXX39J	M.Tech	Visvesvaraya Technological University	Machine Learning	16/09/2021	3.8	Assistant Professor	Assistant Professor		Regular	No	06/06/2025	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. S. Srividhya	XXXXXXX52D	XXXXXXXXXX499	Ph.D	Visvesvaraya Technological University	Robotics & Computer Vision	29/07/2010	15.4	Assistant Professor	Professor	01/02/2021	Regular	Yes		Yes

2	Dr. Saritha Chakrasali	XXXXXXX38N	XXXXXXXXXX519	Ph.D	Madhuraikamaraj University	Image Processing	10/09/2001	24.2	Assistant Professor	Professor	01/09/2014	Regular	Yes		No
3	Dr. Jagruthi H	XXXXXXX23H	XXXXXXXXXX009	Ph.D	Visvesvaraya Technological University	Computer Science & Engineering	20/01/2014	11.10	Assistant Professor	Associate Professor	01/02/2023	Regular	Yes		No
4	Dr. Laxmi V	XXXXXXX88N	XXXXXXXXXX462	Ph.D	Visvesvaraya Technological University	Computer Science & Engineering	18/02/2011	14.9	Assistant Professor	Associate Professor	25/08/2023	Regular	Yes		No
5	Dr. Nandini G	XXXXXXX65P	XXXXXXXXXX898	Ph.D	Visvesvaraya Technological University	Computer Science & Engineering	15/06/2023	2.5	Assistant Professor	Associate Professor	01/04/2024	Regular	Yes		No
6	Rashmi T V	XXXXXXX31J	XXXXXXXXXX320	M.Tech	Visvesvaraya Technological University	Computer Network & Engineering	04/04/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Sindhu N	XXXXXXX76Q	XXXXXXXXXX172	M.Tech	Visvesvaraya Technological University	Computer Science & Engineering	12/10/2022	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Kavya N L	XXXXXXX83G	XXXXXXXXXX461	M.Tech	Visvesvaraya Technological University	Computer Science & Engineering	24/02/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Divyashree S R	XXXXXXX46D	XXXXXXXXXX775	M.Tech	Visvesvaraya Technological University	Networking and Internet Engineering	19/04/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Shreedevi S R	XXXXXXX10E	XXXXXXXXXX352	M.Tech	Visvesvaraya Technological University	Computer Science & Engineering	24/10/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Roopashree C S	XXXXXXX20N	NA	M.Tech	Visvesvaraya Technological University	Software Engineering	19/04/2024	1.7	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No
12	Dr. Krishnamurthy G.N	XXXXXXX77N	XXXXXXXXXX470	Ph.D	Visvesvaraya Technological University	Cryptography	11/01/2010	15.10	Professor	Professor	29-05-2025	Regular	Yes		No
13	Dr. Chayadevi M L	XXXXXXX65E	XXXXXXXXXX784	Ph.D	Visvesvaraya Technological University	Data Mining	04/04/2022	3.7	Professor	Professor	04/04/2022	Regular	Yes		No
14	Dr. Anitha N	XXXXXXX50B	XXXXXXXXXX762	Ph.D	Visvesvaraya Technological University	Cloud Computing	21/04/2022	3.7	Professor	Professor	21/04/2022	Regular	Yes		No
15	Dr. Geetha S	XXXXXXX74G	XXXXXXXXXX553	Ph.D	Kalasilingam Academy of Research and Education	Wireless Sensor Network	26/03/2022	3.8	Associate Professor	Professor	08/06/2023	Regular	Yes		No
16	Dr. Manjunath S	XXXXXXX96H	XXXXXXXXXX699	Ph.D	Visvesvaraya Technological University	Image Processing	15/04/2024	1.7	Professor	Professor	15/04/2024	Regular	Yes		No



17	Dr. Rajani Shree M	XXXXXXX54Q	XXXXXXXXXX564	Ph.D	Visvesvaraya Technological University	Computer Science and Engineering	08/08/2022	3.3	Assistant Professor	Professor	16/01/2025	Regular	Yes		No
18	Dr. Raghavendra C K	XXXXXXX60Q	NA	Ph.D	Visvesvaraya Technological University	AIML	20/01/2012	13.6	Assistant Professor	Professor	18/04/2024	Regular	No	26/07/2025	No
19	Dr.Kavitha Jayaram	XXXXXXX68N	XXXXXXXXXX509	Ph.D	Amritha Vishwavidhyapeetham	Text and Image Mining	16/09/2021	4.2	Assistant Professor	Associate Professor	28/04/2022	Regular	Yes		No
20	Dr. Karthik S	XXXXXXX18N	XXXXXXXXXX159	Ph.D	Anna University	Information Technology	05/02/2020	5.9	Assistant Professor	Associate Professor	04/08/2022	Regular	Yes		No
21	Dr. Santhosh Reddy	XXXXXXX19R	XXXXXXXXXX693	Ph.D	Presidency University	Computer Science and Engineering	16/09/2021	4.2	Assistant Professor	Associate Professor	30/03/2023	Regular	Yes		No
22	Dr. Amith Shekar C	XXXXXXX04E	XXXXXXXXXX468	Ph.D	Visvesvaraya Technological University	Cloud Computing	10/04/2023	2.7	Associate Professor	Associate Professor	10/04/2023	Regular	Yes		No
23	Dr. Shwetha M D	XXXXXXX51M	XXXXXXXXXX296	Ph.D	Visvesvaraya Technological University	AI-ML	15/02/2023	2.9	Assistant Professor	Associate Professor	08/06/2023	Regular	Yes		No
24	Dr. Chaitra M	XXXXXXX95G	XXXXXXXXXX352	Ph.D	Jain University	Image Processing	19/10/2023	2.1	Associate Professor	Associate Professor	19/10/2023	Regular	Yes		No
25	Dr. Revana siddappa	XXXXXXX25R	XXXXXXXXXX292	Ph.D	Visvesvaraya Technological University	Computer Science and Engineering	19/08/2024	1.3	Associate Professor	Associate Professor	19/08/2024	Regular	Yes		No
26	Dr. Kavita V Horadi	XXXXXXX82L	XXXXXXXXXX146	Ph.D	Visvesvaraya Technological University	Document Image Processing g	03/10/2024	1.1	Associate Professor	Associate Professor	03/10/2024	Regular	Yes		No
27	Dr.Deepak D J	XXXXXXX48D	XXXXXXXXXX746	Ph.D	Visvesvaraya Technological University	Medical Image Processin	07/11/2024	1	Associate Professor	Associate Professor	07/11/2024	Regular	Yes		No
28	Dr.Rajashree Soman	XXXXXXX09D	NA	Ph.D	Jain University	Computer Science and Engineering	24/02/2023	2	Associate Professor	Associate Professor	24/02/2023	Regular	No	10/03/2025	No
29	Dr. Deepti Balaji Raykar	XXXXXXX18N	NA	Ph.D	IIIT Bangalore	Software Engineering	29/02/2024	1.2	Associate Professor	Associate Professor	29/02/2024	Regular	No	30/04/2025	No
30	Manikantha K	XXXXXXX02H	XXXXXXXXXX977	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	22/07/2013	12.4	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Mona K	XXXXXXX93J	XXXXXXXXXX447	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	21/08/2023	2.3	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Sreeja A K	XXXXXXX25P	XXXXXXXXXX128	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	30/01/2019	6.9	Assistant Professor	Assistant Professor		Regular	Yes		No

33	Akshitha Katkeri	XXXXXXX30K	XXXXXXXXXX018	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	25/01/2019	6.10	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Manjushree K	XXXXXXX40J	XXXXXXXXXX155	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	08/02/2020	5.9	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Priyanka Padki	XXXXXXX25A	XXXXXXXXXX201	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	28/08/2020	5.3	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Ashwini R M	XXXXXXX53D	XXXXXXXXXX150	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	16/09/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Priyanka S	XXXXXXX77H	XXXXXXXXXX069	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	01/04/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Devi Naveen	XXXXXXX82J	XXXXXXXXXX461	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	22/02/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Geetha L S	XXXXXXX52G	XXXXXXXXXX497	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	16/09/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
40	Supriya Sudhir	XXXXXXX51G	XXXXXXXXXX297	M.E.	University of Mumbai	Computer Science and Engineering	31/08/2022	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
41	Kalyani S Kumar	XXXXXXX58H	XXXXXXXXXX681	M.Tech	Visvesvaraya Technological University	Software Engineering	06/10/2022	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
42	Kalpa R	XXXXXXX34L	XXXXXXXXXX224	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	07/08/2024	1.3	Assistant Professor	Assistant Professor		Regular	Yes		No
43	Kavyashree S	XXXXXXX02K	XXXXXXXXXX765	M.Tech	Visvesvaraya Technological University	Computer Network Engineering	24/01/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
44	Menaka	XXXXXXX95J	XXXXXXXXXX062	M.E.	Anna University	Machine Learning	16/01/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
45	Kusuma P	XXXXXXX63L	XXXXXXXXXX839	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	02/05/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
46	Aashitha L Shamma	XXXXXXX08F	XXXXXXXXXX542	M.Tech	Manonmanian Sundaranar University	Computer Science and Engineering	02/07/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No
47	Sajida Tabasum U	XXXXXXX17H	XXXXXXXXXX655	M.Tech	Visvesvaraya Technological University	Computer Network Engineering	07/07/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No

48	V Rose Priyanka	XXXXXXXX18Q	XXXXXXXXXX855	M.Tech	VIT Vellore	Computer Science and Engineering	31/07/2025	0.3	Assistant Professor	Assistant Professor		Regular	Yes		No
49	Vani M	XXXXXXXX21E	NA	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	25/10/2021	3.4	Assistant Professor	Assistant Professor		Regular	No	10/03/2025	No
50	Pallavi C V	XXXXXXXX19L	NA	M.Tech	Visvesvaraya Technological University	Computer Network Engineering	16/09/2021	4	Assistant Professor	Assistant Professor		Regular	No	27/09/2025	No
51	Priya S	XXXXXXXX54R	NA	M.Tech	Visvesvaraya Technological University	Computer Science and Engineering	13/12/2021	3.1	Assistant Professor	Assistant Professor		Regular	No	21/01/2025	No
52	Sridhar Venkannachar	XXXXXXXX22L	NA	M.Tech	IISC	Cyber Security & IoT	08/07/2024	0.11	Assistant Professor	Assistant Professor		Regular	No	10/06/2025	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 Department3 No. of PG Programs in the Department1

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	132	132	132
UG1.C	132	132	132
UG1.D	132	132	120
<b>UG1: Artificial Intelligence and Machine Learning</b>	<b>396</b>	<b>396</b>	<b>384</b>
UG2.B	66	66	66
UG2.C	66	66	66
UG2.D	66	66	65
<b>UG2: Information Science &amp; Engineering</b>	<b>198</b>	<b>198</b>	<b>197</b>
UG3.B	197	194	196

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG3.C	194	196	132
UG3.D	196	132	132
<b>UG3: Computer Science and Engineering</b>	<b>587</b>	<b>522</b>	<b>460</b>
PG1.A	18	18	18
PG1.B	18	18	18
<b>PG1: Computer Science and Engineering</b>	<b>36</b>	<b>36</b>	<b>36</b>
DS=Total no. of students in all UG and PG programs in the Department	396	396	384
AS=Total no. of students of all UG and PG programs in allied departments	821	756	693
S=Total no. of students in the Department (DS) and allied departments (AS)	<b>S1= 1217</b>	<b>S2= 1152</b>	<b>S3= 1077</b>
DF=Total no. of faculty members in the Department	24	22	18
AF= Total no. of faculty members in the allied Departments	44	40	34
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	<b>F1= 68</b>	<b>F2= 62</b>	<b>F3= 52</b>
FF=The faculty members in F who have a 100% teaching load in the first-year courses	4	4	4
Student Faculty Ratio (SFR)=S/(F-FF)	<b>SFR1= 19.02</b>	<b>SFR2= 19.86</b>	<b>SFR3= 22.44</b>
Average SFR for 3 years	<b>SFR= 20.44</b>		

C3. Faculty Qualification

- Faculty qualification index (FQI) =  $2.5 \times [(10X + 4Y)/RF]$  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)	30	38	60.00	18.83
2024-25(CAYm1)	29	33	57.00	18.51
2023-24(CAYm2)	22	30	53.00	16.04

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3

2025-26	6.00	11.00	13.00	19.00	40.00	38.00
2024-25	6.00	10.00	12.00	19.00	38.00	33.00
2023-24	5.00	7.00	11.00	15.00	35.00	30.00
Average	RF1=5.67	AF1=9.33	RF2=12.00	AF2=17.67	RF2=37.67	AF2=33.67

**C5. Visiting/Adjunct Faculty/Professor of Practice**

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Nagabhushan Rao	General Manager	Accenture	Microcontrollers and Embedded Systems Laboratory, Data Structure and Applications Laboratory	140.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Nagabhushan Rao	General Manager	Accenture	Image Processing & Computer Vision, Python Programming Applications, Big Data Analytics, Innovative	224.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Parameshwaran Balasubramanian	Senior Project Manager	Saksoft Limited	Database Management Systems, Machine Learning	140.00
2	Mr. Nagabhushan Rao	General Manager	Accenture	Digital Image Processing, Python Programming	280.00

**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	16	7	7
2	No. of peer reviewed conference papers published	18	17	4
3	No. of books/book chapters published	4	3	1

**C7. Sponsored Research Project**

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

## (CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. Divya Shree B A	NA	AIML	Clean Stream, AI Driven waste water detection and classification for automated water body cleaning	KSCST 2025	6 months	0.06
Dr. Tejaswini R Murgod	NA	AIML	Fresh AI, Optimized Fruit Quality Prediction with GANs and computer vision	KSCST 2025	6 months	0.06
Dr. Nagarathna C R	NA	AIML	Trach Watch, Drone surveillance for safer railways	KSCST 2025	6 months	0.08
Dr. Halaharvi Keerthi	Pavithra H C	AIML	Jalswarm, Autonomous water waste collection and disposal using AI powered swarm robots	KSCST 2025	6 months	0.06
Dr. Nagarathna C R	NA	AIML	Data Science Session on Snowflake with LTI Mindtree, IEEE Event	IEEE CIS	1 Year	0.05
						Amount received (Rs.):0.31

## (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. Sheba Selvam	Dr. Tejaswini R Murgod	AIML	IBM Watsonx Generative AI Faculty Award	IBM	3 Years	8.30
Dr. Sheba Selvam	Dr. Sunitha R, Dr VijayaShree L	AIML	Fire drill Procedure in VR	NewGen IEDC sponsored by NSTED, DST	6 months	2.50
Dr. Sheba Selvam	Dr. Sunitha R, Dr VijayaShree L	AIML	Plant Simulator	NewGen IEDC sponsored by NSTED, DST	6 months	2.50
Dr. Sheba Selvam	Dr VijayaShree L, Dr Venkatesh K	AIML	ARVR 3rd Phase Induction Motor and Synchronous Generator	Ray Vector Technologies Pvt Ltd	6 months	2.50
Dr. Sunitha R	NA	AIML	Medicinal Leaf Detection	NewGen IEDC sponsored by NSTED, DST	6 months	0.09
Dr. Sunitha R	NA	AIML	Smart Attendance System	NewGen IEDC sponsored by NSTED, DST	6 months	0.11
Dr. Sunitha R	NA	AIML	Voice based Chatbot	NewGen IEDC sponsored by NSTED, DST	6 months	0.09
						Amount received (Rs.):16.09

(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. Sejal Santosh Nimbhorkar	Dr VijayaShree L	AIML	Fire drill Procedure in VR	NewGen IEDC sponsored by NSTED, DST	6 months	2.50
Dr. Sejal Santosh Nimbhorkar	Dr VijayaShree L	AIML	Plant Simulator	NewGen IEDC sponsored by NSTED, DST	6 months	2.50
Dr. Sejal Santosh Nimbhorkar	Dr VijayaShree L	AIML	Industry 4.0 Connectivity and controlling for AM system	Hycube works Pvt Ltd	6 months	1.00
						Amount received (Rs.):6.00

**Total Amount (Lacs) Received for the Past 3 Years: 22.40****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
						Amount received (Rs.):0

(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. Mahantesha U	NA	AIML	SIC Program Training	Samsung PRISM	33 Hours	0.66
Dr. Mahantesha U	NA	AIML	Create ASN Decoder after Parsing 38.331 and 36.331	Samsung PRISM	6 Months	0.17
Dr. Nagarathna C R	NA	AIML	SIC Program Training	Samsung PRISM	11 Hours	0.22
						Amount received (Rs.):1.05

(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
						Amount received (Rs.):0

**Total amount (Lacs) received for the past 3 years: 1.05****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
Kruthi P	Oculus Device for deploying ARVR Projects	6 months	1.24	1.24	Working Model
			Amount received (Rs.): 1.24		

(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. Mahantesha U	KRIA	6 months	0.25	0.25	Working Model
			Amount received (Rs.): 0.25		

(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
			Amount received (Rs.): 0		

Total amount (Lacs) received for the past 3 years : 1.49

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	SB007	35	36 Nos. of Desktops of 12th Gen Intel (R) Core (TM) i7-12700 2.10 GHz / 16.0 GB (15.7 GB usable) DDR4 RAM/ 64-bit operating system/ 512GB M.2	40 Hrs	Nandini P	Instructor	Diploma
2	SB008	35	36 Nos. of Desktops of 13th Gen Intel(R) Core (TM) i7-13700 2.10 GH/16.0 GB (15.7 GB usable) RAM/ Intel Dual Channel 32GB DDR5/ 64-bit operating system/ 512GB M.2	40 Hrs.	Lavanya U	Instructor	B.E.
3	SB010	38	38 Nos. of Desktops of 13th Gen Intel(R) 16Core i7-13700 2.10 GHz/ 32 GB DDR5 RAM/ 1TB NVME M.2 Hard Disk/ Commercial DTV 40000 40000	40 Hrs.	Swetha Vilas Gaikwad	Instructor	B.E.
4	SB011	36	36 Nos. of Desktops of New Gen Intel(R) Core (TM) i7-12700 2.10 GHZ/32.0 GB (15.7 GB usable) DDR4/ 64-bit operating system/ 64-bit operating system/ 512GB M.2	40 Hrs.	Varshini B R	Instructor	Diploma



5	N505	36	36 Nos. of Desktops of New Gen Intel(R) Core (TM) i7-12700 2.10 GHZ/32.0 GB (15.7 GB usable) DDR4/ 64-bit operating system, SSD based system/ 540GB M.2	8 Hrs.	<div>Smitheshwari P</div> <div>Instructor</div> <div>B. E.</div>
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## D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	<div>SB007</div>	Fire Extinguisher, Display of Lab Safety Rules, Miniature Circuit Breaker, First Aid Box, Display of Emergency Contact Numbers
2	<div>SB008</div>	Fire Extinguisher, Display of Lab Safety Rules, Miniature Circuit Breaker, First Aid Box, Display of Emergency Contact Numbers
3	<div>SB010</div>	Fire Extinguisher, Display of Lab Safety Rules, Miniature Circuit Breaker, First Aid Box, Display of Emergency Contact Numbers
4	<div>SB011</div>	Fire Extinguisher, Display of Lab Safety Rules, Miniature Circuit Breaker, First Aid Box, Display of Emergency Contact Numbers
5	<div>S202</div>	Fire Extinguisher, Display of Lab Safety Rules, Miniature Circuit Breaker, First Aid Box, Display of Emergency Contact Numbers
6	<div>N505</div>	Fire Extinguisher, Display of Lab Safety Rules, Miniature Circuit Breaker, First Aid Box, Display of Emergency Contact Numbers

### D3. Project Laboratory/Research Laboratory

**List of project laboratory/research laboratory/Centre of Excellence**

Sl. No.	Name of the Laboratory
1	Project Laboratory (S202)
2	Centre of Excellence – ARVR (S303)
3	Centre of Excellence – Cyber Security

**List of Equipments for the Project Lab- S 202**

Sl. No.	Name of equipment with configuration	Quantity	Average No. of hours utilized per week
1	<b><u>HP Pro Tower 400G9 Desktop 8Y4Q7AV-</u></b> 400W Intel Core i7-14700, 5.40G-33MB 20 Cores-65W CPU 16GB(1x16GB) DDR5 4800 UDIMM Memory (Upgradable up to 64GB)512 GB 2280 PCIe NVMe Value Solid State Drive, HP(21.5) Monitor, HP 125 DLK Wired Keyboard, HP Black 125 Wired Mouse.	36 No's	22 Hrs
2	<b><u>Operating System</u></b>  Windows 11		
3	<b><u>Software</u></b> <ul style="list-style-type: none"> <li>• NetBeans IDE 8.2</li> <li>• Visual Studio 2022</li> <li>• Visual Studio Code</li> <li>• Office 2010</li> <li>• Mysql</li> <li>• Oracle Virtual Box</li> <li>• Cloudera</li> <li>• Xamp</li> <li>• Oracle 11g</li> <li>• Anaconda</li> <li>• GitMind</li> </ul>		

**List of Equipment for the AR/VR Centre of Excellence-S 303**

Sl. No.	Name of equipment with configuration	Quantity
1	<b><u>Assembled System</u></b> -Processor-RYZEN 7-5700X MOTHERBOARD B550, RAM: 32GB, Storage: Master NVME SSD INTEL 512 GB SATA HDD WD/ SEAGATE 1TB CABINET COOLER MASTERLIQUID COOLER, DELL 24' LED Monitor-3 & HP 19' Monitor-2 No's, USB Keyboard and USB Mouse, Graphics Card: 8GB NVIDIA GeForce RTX 3060.	5 No's
2	<b><u>Operating System</u></b> <ul style="list-style-type: none"> <li>Windows 11</li> </ul>	
3	<b><u>Software</u></b> <ul style="list-style-type: none"> <li>Visual Studio Code</li> <li>Blender</li> <li>Unity</li> <li>Oculus Meta Quest</li> </ul>	

#### Utilization of Project Laboratory and Centers of Excellence

##### a. Utilization of Project Laboratory

- Each student is provided with an individual computer with relevant software to facilitate their project work.
- Project laboratory is equipped with internet facility with access to IEEE, Springer, Science Direct and Elsevier journal publications.

The project laboratory facilities are shown below.

- Vuforia, Unity Hub, Blender, ARCore
- GradioLib
- PyTorch3Lib
- Deep learning Models
- Embedded C, GPIO Library
- Random PIL
- Joblib
- ResNet9
- Beautiful Soup
- IP info API, Weather API
- Frontend UI
- NLP libraries: Librosa, Speech Processing Libraries, Signal Processing Software, Development Environment
- GPU: Nvidia GeForce GTX 1060/RTX 2060, NVIDIA GTX1650 or Equivalent with CUDA Supported
- Block Chain Platform-Ethereum, VS Code, Solidity
- Block Chain Development Tool-Ganache
- Metamask, StreamLit
- IDEVS Code, Pythonidle
- O.S-windows10, Linux, Ubuntu or CentOS
- Git and Github
- OpenCV2, YOLOV8
- VS Code, Pythonidle
- Node.js, React, React-DOM
- Pycharm /google colab, Tensor Flow
- Python3.7, OpenCV, PyTorch, Scipy

- KNN,Naïve Bayes Classifier
- Scikit-Learn Libraries
- Arduinol DE,Telegram App
- Metamask, StreamLit
- Mediapipe
- Visual Studio
- Android Studio(Software)
- MatLab Full Suite(Software)
- IoT Components–Arduino base Sensors, Wi-Fi module
- Scala SDK
- Python3.4
- Anaconda Package
- Raspberry Pi
- Parallel Computing Lab
- Kali Linux, using Virtual Box
- Tomcat5.0/6.0
- Eclipse
- MySQL5.0,JDK1.7
- WAMP Server
- Network Simulator

Utilization of Project Laboratory

All the final year students have utilized this laboratory for rtheir project work.

Number of Student Paper Publications/Patents/ Project Award as an outcome of using project lab facilities.

Academic Year	Number of Publications (Journal/ Conferences)	Number of Patents/ Copyright	Number sponsored Projects from external agencies	Number of Project Awards (@ Inter/ Intra college level Competitions)
2024-25	11	01	04	01
2023-24	13	--	--	01

b. Centres of Excellence

Events conducted under Center of Excellence - Augmented Reality & Virtual Reality

Sl.No	Faculty Name	Event Name	Type of the Event	Professional Body	Date	No. of participants
CAY m1(2024-2025)						

	Dr. Sheba Selvam,  Mrs. Kruthi P, Mr. Mohanesh B M,  Mrs. Divya M S	Virtuovation	Hackathon - ARVR	IEEE	28/04/2025 to 29/04/2025	109
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Sl. No.	Name of the Program	Date of the Program	Duration Of the Program	Type of Event	No. of People Attended
CAYm2 (2023-2024)					
1.	Innovation and Entrepreneurship Outreach program in School	19/02/2024 to 20/02/2024	2 days	Outreach Program for BNM School Students.	70
2.	Augmented Reality & Virtual Reality and its Applications	6 <sup>th</sup> Nov-10 <sup>th</sup> Nov 2023	5 days	FDP	30

Centre of Excellence-Cyber Security

Events conducted under Centre of Excellence-Cyber Security

Sl. No.	Name of the Program	Date of the Program	Duration Of the Program	Type of Event	No. of People Attended
CAYm1 (2024-2025)					
1.	Scam Awareness	08/02/2025	1 Day	Awareness Program about scams for Students and Faculty Members.	95

Internship Offered by Pragya for that academic year 2025-2026

Sl. No.	USN	Student Name	Company Name
1	1BG22AI003	Adithyakarthik M	Pragya Cyber Pvt Ltd
2	1BG22AI130	Kareena K P	Pragya Cyber Pvt Ltd
3	1BG22AI002	Abhishek M L	Pragya Cyber Pvt Ltd
4	1BG22AI087	S Sneha	Pragya Cyber Pvt Ltd
5	1BG22AI128	Rakshitha R	Pragya Cyber Pvt Ltd

Relevance to POs/PSOs

Sl. No.	Name of the Laboratory	Utilization	Relevance to POs/PSOs
1	Centre of Excellence Augmented Reality & Virtual Reality S303	Used by students for demonstrating and displaying of 3D Modelling Projects	1,2,3,4,5,6,7,8,9,10,11/1
2	Project Laboratory S202	For final year projects	1,2,3,4,5,6,7,8,9,10,11/1,2
3	Centre of Excellence -Cyber Security	Used by students to work for live projects of Pragya Cyber Pvt Ltd.	1,2,3,4,5,6,7,8,9,10,11/1,2

## 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	26	13	78
2024-25(CAYm1)	600	30	27	12	80
2025-26(CAY)	600	30	27	16	83

### 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	28500000	27606000	25000000	3809000	55000000	24400000	115000000	53809000
Library	4000000	554000	5000000	232000	5000000	1355000	6000000	472000
Laboratory equipment	25324000	16795440	14630000	23049000	32500000	42900000	15000000	18144000

Teaching and non-teaching staff salary	350000000	193677000	335271000	292571000	288000000	279400000	250000000	237993000
Outreach Programs	2500000	45000	5000000	3034000	2500000	1154000	2500000	1237000
R&D	15000000	1292000	15000000	4663000	12500000	960000	20000000	285000
Training, Placement and Industry linkage	22500000	1594000	20000000	2984000	1228000	1809000	3000000	1785000
SDGs	2045000	545000	1800000	2127000	1900000	1439000	1632000	2009000
Entrepreneurship	5000000	0	0	0	0	0	0	0
Others, specify	153831000	107603000	147561000	185877000	142372000	168808000	132868000	129622000
<b>Total</b>	<b>608700000</b>	<b>349711440</b>	<b>569262000</b>	<b>518346000</b>	<b>541000000</b>	<b>522225000</b>	<b>546000000</b>	<b>445356000</b>

### 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	5790000	11290240	1750000	124493	4000000	4921727	4200000	9380088
Software	2760000	306046	1750000	291205	4000000	207514	4200000	855500
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	250000	0	150000	141160	0	91386	250000	5000
R & D	900000	6256	1500000	47558	700000	10248	1000000	219592
Industrial Training, Industry expert, Internship	250000	0	150000	396448	0	174300	250000	360000
Miscellaneous Expenses*	50000	41348	55000	41261	1145000	49589	1123000	13275
<b>Total</b>	<b>10000000</b>	<b>11643890</b>	<b>5355000</b>	<b>1042125</b>	<b>9845000</b>	<b>5454764</b>	<b>11023000</b>	<b>10833455</b>