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: 10590	**Date of Submission**: 15-04-2025

PART A- Profile of the Institute

A1.Name of the Institute: Hyderabad Institute of Technology and Management	
Year of Establishment : 2001	Location of the Institute: Gowdavelli village Hyderabad
A2. Institute Address:Gowdavelli Village Medchal Mandal Ranga Reddy District Telangana State PIN 501401	
City:Ranga Reddy	State:Telangana
Pin Code:501401	Website:www.hitam.org
Email:principal@hitam.org	Phone No(with STD Code):-
A3. Name and Address of the Affiliating University (if any):	
Name of the University : Jawaharlal Nehru Technological University Hyderaba	City: Ranga Reddy
State : Telangana	Pin Code: 500085
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **8**
- No. of PG programs: **0**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
2	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2020	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
3	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2020	2023	Computer Science and Engineering (Cyber Security)
4	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2020	--	Computer Science and Engineering (Data Science)
5	Engineering & Technology	UG	Computer Science and Engineering (Internet of Things)	2020	2023	Computer Science and Engineering (Internet of Things)
6	Engineering & Technology	UG	Electrical and Electronics Engineering	2001	--	Electrical and Electronics Engineering

7	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
8	Engineering & Technology	UG	Mechanical Engineering	2002	--	Mechanical Engineering

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Computer Science and Engineering	Yes	Computer Science and Engineering	UG

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 (Internet of Things)	Computer Science and Engineering (Internet of Things)	UG
Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG
Computer Science and Engineering (Data Science)	Computer Science and Engineering (Data Science)	UG
Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	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	2001 / --	60	Yes	2014	240	2014	F.No. South-Central/1-7002961244/2020/EOA/ Corrigendum-1	Granted accreditation for 3 years for the period (specify period)	2019	2025	1	4

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	**Sanctioned Intake**
2024-25	240
2023-24	180
2022-23	120
2021-22	120
2020-21	120
2019-20	120

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITE
1	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG	2020 / --	60	Yes	2023	180	2023	F.NO.SOUTH-CENTRAL/1-36495219275/2023/EOA	Not eligible for accreditation	--	--	0

Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Artificial Intelligence & Machine Learning)

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

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 ACCREDITE
2	Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG	2020 / 2023	60	Yes	2023	0	2023	F.No. South-Central/1-36495219275/2023/EOA	Not eligible for accreditation	--	--	0

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

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

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 ACCREDITE
3	Computer Science and Engineering (Data Science)	Computer Science and Engineering (Data Science)	UG	2020 / --	60	Yes	2023	180	2023	F.No. South-Central/1-36495219275/2023/EOA	Not eligible for accreditation	--	--	0

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 ACCREDITE

Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Data Science)	
Academic Year	**Sanctioned Intake**
2024-25	180
2023-24	180
2022-23	60
2021-22	60
2020-21	60
2019-20	0

4	Computer Science and Engineering (Internet of Things)	Computer Science and Engineering (Internet of Things)	UG	2020 / 2023	60	Yes	2023	0	2023	F.No. South-Central/1-36495219275/2023/EOA	Not eligible for accreditation	--	--	0

Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Internet of Things)	
Academic Year	**Sanctioned Intake**
2024-25	0
2023-24	0
2022-23	60
2021-22	60
2020-21	60
2019-20	0

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

A. Name of the HoD :	Dr. SV Hemanth
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)	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)	240	180	120	120	120	120	120
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	240	180	120	120	85	120	120

N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	18	10	12	19	10	12
N3=Separate division if any	0	2	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	16	14	9	10	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	256	214	139	142	104	130	132

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]
2024-25 (CAY)	240	240	16	106.67
2023-24 (CAYm1)	180	180	14	107.78
2022-23 (CAYm2)	120	120	9	107.50

Average [(ER1 + ER2 + ER3) / 3] = 107.32≡ 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).	139.00	130.00	132.00
B=No. of students who graduated from the program in the stipulated course duration	97.00	119.00	123.00
Success Rate (SR)= (B/A) * 100	69.78	91.54	93.18

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 84.83

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)	6.21	6.80	7.10
Y=Total no. of successful students	192.00	135.00	141.00
Z=Total no. of students appeared in the examination	180.00	120.00	120.00
API [X*(Y/Z)]	6.62	7.65	8.34

Average API[(AP1+AP2+AP3)/3] : 7.54

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)	7.16	7.01	6.50

Y=Total no. of successful students	128.00	128.00	103.00
Z=Total no. of students appeared in the examination	145.00	153.00	122.00
API [X * (Y/Z)]	6.32	5.86	5.49

Average API [(AP1 + AP2 + AP3)/3] : 5.89

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)	7.48	6.84	6.30
Y=Total no. of successful students	123.00	98.00	124.00
Z=Total no. of students appeared in the examination	128.00	103.00	130.00
API [X*(Y/Z)]:	7.19	6.51	6.01

Average API [(AP1 + AP2 + AP3)/3] : 6.57

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	139.00	130.00	132.00
X=No. of students placed	78.00	75.00	81.00
Y=No. of students admitted to higher studies	20.00	19.00	8.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	70.50	72.31	67.42

Average Placement Index = (P_1 + P_2 + P_3)/3: 70.08 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. S. Arvind	XXXXXXX67L	Ph.D	NIMS	Adhoc Networks	06/06/2019	5.10	Professor	Professor		Regular	Yes		No
2	Dr. SV Hemanth	XXXXXXX07Q	Ph.D	KARE	Deep Learning	09/05/2022	2.11	Assistant Professor	Associate Professor	08/10/2022	Regular	Yes		Yes
3	Dr. Sathish Kumar	XXXXXXX55M	Ph.D	NIT Trichy	MANET	16/03/2022	3	Associate Professor	Associate Professor		Regular	Yes		No

4	Dr. M. Rajeshwar	XXXXXXX95E	Ph.D	Chitkara University	Machine Learning	29/10/2001	23.5	Assistant Professor	Associate Professor	02/12/2013	Regular	Yes		No
5	Dr. P. Padmaja	XXXXXXX42G	Ph.D	ANU	Software Engineering	01/03/2022	3.1	Professor	Professor		Regular	Yes		No
6	Dr M V A Naidu	XXXXXXX99M	Ph.D	PCU	Machine Learning and Deep Learning	06/06/2022	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr. B. Surendra Reddy	XXXXXXX70N	M.E/M.Tech	JNTU Hyderabad	CSE	14/05/2009	15.11	Assistant Professor	Associate Professor	31/12/2013	Regular	Yes		No
8	Mr. T. Raghavendra Gupta	XXXXXXX27G	M.E/M.Tech	ANU	CSE	22/10/2010	14.5	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mr. G. Ravi	XXXXXXX55P	M.E/M.Tech	JNTU Hyderabad	CSE	27/07/2018	6.8	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mr. Dharmendra Kumar Roy	XXXXXXX43M	M.E/M.Tech	CSVTU	CSE	31/03/2022	3	Assistant Professor	Associate Professor	08/10/2022	Regular	Yes		No
11	Ms. K. Veena	XXXXXXX62D	M.E/M.Tech	JNTU Kakinada	CSE	17/02/2021	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Ms. Zeenath Jaha Begum	XXXXXXX29C	M.E/M.Tech	JNTU Hyderabad	CSE	21/04/2022	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Ms. Jahanara Begum	XXXXXXX20Q	M.E/M.Tech	JNTU Hyderabad	CSE	01/07/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mrs. A Devi	XXXXXXX57C	M.E/M.Tech	JNTU Hyderabad	CSE	01/01/2025	0.3	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr. G. Chandra Shekhar	XXXXXXX63D	M.E/M.Tech	JNTU Hyderabad	CSE	11/07/2006	18.9	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. Vadla Navakishore	XXXXXXX36H	M.E/M.Tech	JNTU Hyderabad	CSE	19/12/2016	8.3	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mr. Thambi Joseph	XXXXXXX44J	M.E/M.Tech	JNTU Hyderabad	CSE	04/12/2007	17.4	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mr. Madhu Guda	XXXXXXX95J	M.E/M.Tech	JNTU Hyderabad	CSE	31/05/2023	1.10	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mr. Shaik. Meer Subhani Ali	XXXXXXX39M	M.E/M.Tech	JNTU Kakinada	Software Engineering	23/12/2016	8.3	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mr. D. Mani Kanta	XXXXXXX85N	M.E/M.Tech	JNTU Hyderabad	CSE	11/11/2021	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Mr. Periyaswamy	XXXXXXX71P	M.E/M.Tech	AU	CSE	31/07/2023	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No

22	Mr. David Raju	XXXXXXX74C	M.E/M.Tech	JNTU Hyderabad	CSE	11/11/2022	2.5	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Mr. K. Ravi Kumar	XXXXXXX25C	M.E/M.Tech	JNTU Hyderabad	CSE	31/03/2021	4	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Ms. K. Krishna Jyothi	XXXXXXX67D	M.E/M.Tech	JNTU Hyderabad	CSE	22/07/2020	4.8	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mr. Bhaskar Das	XXXXXXX48E	M.E/M.Tech	Assam Univeristy	Information Technology	03/01/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Ms. C. Surekha	XXXXXXX87F	M.E/M.Tech	JNTU Hyderabad	CSE	14/03/2022	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Ms. Richa Tiwari	XXXXXXX77H	M.E/M.Tech	CSVTU	CSE	16/04/2022	2.11	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. G. Aparna	XXXXXXX91C	NA	Ph.D	KL University	Deep Learning	20/01/2023	2.2	Associate Professor	Associate Professor		Regular	Yes		No
2	Dr Ratnamma Gopishetty	XXXXXXX84A	NA	Ph.D	JNTU Anantapur	Data Mining	17/02/2022	3.1	Associate Professor	Associate Professor		Regular	Yes		No
3	Dr. Sunil Kumar	XXXXXXX67P	NA	Ph.D	JNTU Anantapur	Distributed Database	11/03/2023	2.1	Professor	Professor		Regular	Yes		No
4	Dr Chandramouli	XXXXXXX34J	NA	Ph.D	JNTU Kakinada	CSE	16/01/2023	2.2	Professor	Professor		Regular	Yes		Yes
5	Dr Vinutna	XXXXXXX25C	NA	Ph.D	UVCE	Computer Architecture	18/04/2022	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Dr Mekala Srinivas	XXXXXXX87J	NA	Ph.D	JNTU Hyderabad	Data Mining	24/04/2023	1	Associate Professor	Associate Professor		Regular	No	01/05/2024	No
7	Dr Sugandha Singh	XXXXXXX64D	NA	Ph.D	GGIU	Networks	15/09/2021	2.1	Professor	Professor		Regular	No	01/11/2023	No
8	Dr Ila Chandana Kumari	XXXXXXX94P	NA	Ph.D	TGU	Image Processing	10/08/2017	7.8	Associate Professor	Associate Professor		Regular	Yes		No
9	Dr Rama Mohan	XXXXXXX00P	NA	Ph.D	IIT Madras	Distributed Systems	04/10/2021	3	Professor	Professor		Regular	No	10/10/2024	No
10	Dr. Madhuri	XXXXXXX61B	NA	Ph.D	JJTU	Machine Learning	22/07/2019	4.11	Assistant Professor	Assistant Professor		Regular	No	10/07/2024	No

11	Mr. Boby K Simon	XXXXXXX73J	NA	M.E/M.Tech	KTU	CSE	11/08/2022	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mr. N. Shiva Kumar	XXXXXXX34M	NA	M.E/M.Tech	JNTU Hyderabad	CSE	30/01/2023	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mr. B. Manohar Sarat	XXXXXXX04K	NA	M.E/M.Tech	JNTU Hyderabad	CSE	11/06/2022	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Ms. T. Sunitha	XXXXXXX78J	NA	M.E/M.Tech	JNTU Hyderabad	CSE	02/12/2024	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Ms. P. Ramana	XXXXXXX84R	NA	M.E/M.Tech	JNTU Hyderabad	CSE	03/06/2022	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Ms. Rohini Jadhav	XXXXXXX17N	NA	M.E/M.Tech	JNTU Hyderabad	CSE	19/07/2023	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Ms. CH. Meghana	XXXXXXX00Q	NA	M.E/M.Tech	SV University	CSE	07/07/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Ms. Botre Hema Sureshrao	XXXXXXX36K	NA	M.E/M.Tech	RTM Nagapur	CSE	01/07/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ms. P. Bhargavi	XXXXXXX47E	NA	M.E/M.Tech	JNTU Hyderabad	CSE	07/07/2020	3	Assistant Professor	Assistant Professor		Regular	No	10/07/2023	No
20	Mr. K. Sanjeevaiah	XXXXXXX39B	NA	M.E/M.Tech	JNTU Hyderabad	CSE	30/04/2022	2.2	Assistant Professor	Assistant Professor		Regular	No	10/07/2024	No
21	Mr. Sridhar Reddy Somireddy	XXXXXXX13J	NA	M.E/M.Tech	JNTU Hyderabad	CSE	25/03/2022	3	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Mr. Nannuri Vijay Kumar	XXXXXXX62L	NA	M.E/M.Tech	JNTU Hyderabad	CSE	23/03/2022	3	Assistant Professor	Assistant Professor		Regular	Yes		No
23	V Sri Rama Chandra Murthy	XXXXXXX23R	NA	M.E/M.Tech	JNTU Hyderabad	CSE	31/03/2022	3	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Ms. Priyamvada Kota	XXXXXXX61G	NA	M.E/M.Tech	JNTU Hyderabad	CSE	12/02/2022	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mr. Suresh Darapureddy	XXXXXXX57L	NA	M.E/M.Tech	JNTU Hyderabad	CSE	12/02/2022	3.1	Assistant Professor	Assistant Professor		Regular	No	31/03/2025	No
26	Mr. Garlapati Pavan Kumar	XXXXXXX46A	NA	M.E/M.Tech	JNTU Hyderabad	CSE	17/02/2022	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Mr. S. Koti Reddy	XXXXXXX82J	NA	M.E/M.Tech	VTU	CSE	17/06/2024	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Mr. J. Venkata Girishkanth	XXXXXXX00A	NA	M.E/M.Tech	JNTU Hyderabad	Software Engineering	03/01/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No

29	Mr. S. Bineshwor Slngh	XXXXXXX42H	NA	M.E/M.Tech	SRM Chennai	CSE	17/06/2024	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Mr. Ramesh Gurram	XXXXXXX83H	NA	M.E/M.Tech	JNTU Anantapur	CSE	12/02/2022	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Mr. Priyatam Annam	XXXXXXX86N	NA	M.E/M.Tech	JNTU Hyderabad	CSE	17/02/2022	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Mr. Nagoor Meeravali	XXXXXXX91D	NA	M.E/M.Tech	JNTU Hyderabad	CSE	22/06/2015	9.9	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Mr. Vikram Chandra Gangavarapu	XXXXXXX54B	NA	M.E/M.Tech	JNTU Hyderabad	CSE	03/01/2022	2.11	Assistant Professor	Assistant Professor		Regular	No	19/12/2024	No
34	Ms. P. Swathy	XXXXXXX05C	NA	M.E/M.Tech	JNTU Hyderabad	CSE	29/06/2016	7.1	Assistant Professor	Assistant Professor		Regular	No	09/08/2023	No
35	Ms. Mamatha Sure	XXXXXXX43A	NA	M.E/M.Tech	JNTU Anantapur	CSE	24/07/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Ms. Aishwarya Kabde	XXXXXXX05G	NA	M.E/M.Tech	JNTU Hyderabad	CSE	23/03/2017	7.1	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
37	Mr. Arvind Kilas	XXXXXXX95D	NA	M.E/M.Tech	JNTU Hyderabad	Embedded Systems	01/07/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Ms. Sindhu Punuru	XXXXXXX09M	NA	M.E/M.Tech	JNTU Hyderabad	CSE	17/08/2015	9.7	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Mr. Kannaiah Chattu	XXXXXXX63A	NA	M.E/M.Tech	JNTU Hyderabad	CSE	29/03/2012	12.1	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
40	Ms. T. Anitha Kumari	XXXXXXX74F	NA	M.E/M.Tech	JNTU Hyderabad	CSE	04/01/2017	8.3	Assistant Professor	Assistant Professor		Regular	Yes		No
41	Ms. Mounika Yerramathi	XXXXXXX02M	NA	M.E/M.Tech	JNTU Hyderabad	CSE	29/04/2022	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
42	Col. AV Subramaniam	XXXXXXX52B	NA	M.E/M.Tech	IIT Karagpur	Software Engineering	04/07/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
43	Dr Soham Sohoni	XXXXXXX84A	NA	Ph.D	University of Cincinnati	Computer Architecture	01/01/2025	0.3	Professor	Professor		Regular	Yes		No
44	Mandapati Pranati Aryan	XXXXXXX92E	NA	M.E/M.Tech	Vignan	use	15/06/2024	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
45	BRAMIAH GURRAM	XXXXXXX77A	NA	M.E/M.Tech	JNTUH	CSE	03/06/2024	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):
UG1=1st UG program
UGn=nth UG program
B= No. of Students in UG 2nd year (ST)

C= No. of Students in UG 3rd year (ST)
D= No. of Students in UG 4th year (ST)
No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):
PG1=1st PG program.
PGm=mth PG program
A= No. of Students in PG 1st year
B= No. of Students in PG 2nd year
Student Faculty Ratio **(SFR)** = S/F
S= No. of students of all programs in the Department including all students of allied departments/clusters.
No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.
F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department5 No. of PG Programs in the Department0

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

Description	**CAY(2024-25)**	**CAYm1 (2023-24)**	**CAYm2 (2022-23)**
UG1.B	198	131	131
UG1.C	131	131	131
UG1.D	131	131	131
UG1: Computer Science and Engineering	**460**	**393**	**393**
UG2.B	0	66	66
UG2.C	66	66	63
UG2.D	66	63	0
UG2: Computer Science and Engineering (Internet of Things)	**132**	**195**	**129**
UG3.B	198	66	66
UG3.C	66	66	66
UG3.D	66	66	0
UG3: Computer Science and Engineering (Data Science)	**330**	**198**	**132**
UG4.B	0	66	66
UG4.C	66	66	66
UG4.D	66	66	0
UG4: Computer Science and Engineering (Cyber Security)	**132**	**198**	**132**
UG5.B	132	66	66
UG5.C	66	66	64
UG5.D	66	64	0
UG5: Computer Science and Engineering (Artificial Intelligence & Machine Learning)	**264**	**196**	**130**
DS=Total no. of students in all UG and PG programs in the Department	460	393	393
AS=Total no. of students of all UG and PG programs in allied departments	858	787	523
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 1318	**S2=** 1180	**S3=** 916
DF=Total no. of faculty members in the Department	26	26	23

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
AF= Total no. of faculty members in the allied Departments	32	35	31
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 58	**F2=** 61	**F3=** 54
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 22.72**	**SFR2= 19.34**	**SFR3= 16.96**
Average SFR for 3 years	**SFR= 19.67**		

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)	12	46	65.00	11.69
2023-24(CAYm1)	13	48	58.00	13.88
2022-23(CAYm2)	9	45	45.00	15.00

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	7.00	4.00	14.00	6.00	43.00	48.00
2023-24	6.00	5.00	13.00	5.00	39.00	51.00
2022-23	5.00	4.00	10.00	3.00	30.00	47.00
Average	RF1=6.00	AF1=4.33	RF2=12.33	AF2=4.67	RF2=37.33	AF2=48.67

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	Shanmukha Rao	Software Engineer	A- Envision technologies	Statistical Programming with R	54.00
2	Siva Kumar S	Software Engineer	A- Envision technologies	Probability & Statistics	54.00
3	Akash Gupta	Value Architect Consultant	Value Architect	Cloud Computing	52.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Naveen Kumar	Software Engineer	XELPMOC	Natural Language Processing	52.00
2	Dr. Nagaraju	Associate Professor	VNR VJIET	Formal Languages & Automata Theory	54.00
3	Dr. Rajshekar	Associate Professor	VNR VJIET	Discrete Mathematics	52.00
4	M.R. NITANMALA	Certified IELTS, PTE & Spoken English Trainer	VDIEC GLOBAL CONNECT	Advanced Communications Skills	52.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	M.R. NITANMALA	Certified IELTS, PTE & Spoken English Trainer	VDIEC GLOBAL CONNECT	Advanced Communications Skills Lab	52.00
2	Prof. Aruna Malapati	Professor	BITS PILANI	Natural Language Processing	54.00

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	71	31	8
2	No. of peer reviewed conference papers published	19	18	12
3	No. of books/book chapters published	4	0	1

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

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

Note*:

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

C8. Consultancy Work

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mr. Bhaskar Das		CSE	AI Based Traffic Control System	Collaborate Solutions Private Limited	1 Year	1.50
Dr. Padmaja		CSE	Road Guard: AI-Powered Road Damage Detection and Reporting System	Technumen Systems Private Limited	1 Year	5.00
Dr. T. Satish Kumar		CSE	AYUV -Transforming Healthcare, One Byte at a Time.	Technumen Systems Private Limited	1 Year	2.79
Dr. Rajeshwar		CSE	Virtuza:Your Personalized Companion	Technumen Systems Private Limited	1 Year	3.50
						Amount received (Rs.):12.79

(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. T. Satish Kumar		CSE	A database management software for the quality control tools.	Technumen Systems Private Limited	6 Months	4.25
Dr. P Padmaja		CSE	Design & Developmentof Website for Technuman	Technumen Systems Private Limited	2 Months	2.35
						Amount received (Rs.):6.60

(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
Mr. T Raghavendra Gupta		CSE	Intrusion Detection for Smart Home Alarm Security System	Darento Industries	8 months	6.50
						Amount received (Rs.):6.50

Total amount (Lacs) received for the past 3 years: 25.89

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. T. Satish Kumar	AYUV -Transforming Healthcare, One Byte at a Time.	1 Year	0.50	0.25	AI-enabled platform developed for real-time health monitoring
Dr. Rajeshwar	Virtuza:Your Personalized Companion	1 Year	0.70	0.50	Developed an AI-driven virtual assistant for personalized user interaction
Mr. Bhaskar Das	AI Based Traffic Control System	1 Year	0.30	0.20	AI system developed for real-time traffic optimization
Dr. Padmaja	Road Guard: AI-Powered Road Damage Detection and Reporting System	1 Year	0.80	0.50	AI system for automated road damage detection
			Amount received (Rs.): 2.30		

(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. T. Satish Kumar	A database management software for the quality control tools.	6 Months	0.80	0.80	Developed database software for managing quality control tools
Dr. P Padmaja	Design & Developmentof Website for Technuman	2 Months	0.50	0.50	Designed and developed the Technuman website
			Amount received (Rs.): 1.30		

(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
Mr. T Raghavendra Gupta	Intrusion Detection for Smart Home Alarm Security System	8 months	0.40	0.40	Developed intrusion detection system for smart home security
			Amount received (Rs.): 0.40		

Total amount (Lacs) received for the past 3 years : 4.00

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

D1. Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Programming for Problem Solving & Data Structures Lab	33	Intel ® Corei3 ,4GB DDR3,500GB HDD, Turbo C Software	16 hours	Mr. Ashok	Programmer	MCSE

2	Design & Analysis of Algorithms Lab	33	Intel ® Corei3 ,4GB DDR3,500GB HDD, Turbo C Software	12 hours	Ms. Sushma	Programmer	B.Tech
3	Object-Oriented Programming using Java and Python Programming Lab	33	Intel Corei3 ,4GB DDR3,500GB HDD, Python installed with MySQL and JDK installed	16 hours	Mr. Murali	Programmer	PGDCA
4	Computer Networks and Mini-Project Lab	33	Intel Corei3,4GB DDR3,500GB HDD, Python installed with MySQL and JDK installed, C Compiler	12 hours	Mr. Sai Kiran	Progammer	B.Tech
5	Web Technologies & Software Engineering Lab	33	Intel ® Corei3 ,4GB DDR3,500GB HDD, MySQL and JDK installed, C Compiler, Star UML installed	12 hours	Mr. Bhanupratap	Programmer	B.Tech
6	Full Stack Web Development & Cryptography Lab	33	Intel ® Corei3 ,4GB DDR3,500GB HDD, MySQL and JDK installed, C Compiler	12 hours	Ms.Sushma	Programmer	B.Tech
7	Artificial Intelligence & Big Data Analytics Lab	33	Intel Corei3, 4GB DDR3,500GB HDD, Python Installed, Prolog Installed	12 hours	Mr. Ashok	Programmer	MCSE
8	Computer Vision, Robotics & Design Thinking Lab	33	Intel Corei3,4GB DDR3,500GB HDD, Python Installed	16 hours	Mr. Sai Kiran	Programmer	B.Tech

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Programming Fundamentals Labs	1. Specific safety rules for students displayed. 2. First aid boxes & fire extinguishers are kept in the laboratory. 3. Periodical servicing of the lab equipments. 4. Maintain a clean & organized laboratory. 5. Avoid the use of cell phones. 6. Avoid the use of damaged equipment &provide needful equipment & components. 7. CC Cameras, UPS (DATA SAFETY), FIRE Extinguisher, Proper earthing, Well trained technical/supporting staff are provided.
2	Systems and Infrastructure Labs	1. Specific safety rules for students displayed. 2. First aid boxes & fire extinguishers are kept in the laboratory. 3. Periodical servicing of the lab equipments. 4. Maintain a clean & organized laboratory. 5. Avoid the use of cell phones. 6. Avoid the use of damaged equipment &provide needful equipment & components. 7. CC Cameras, UPS (DATA SAFETY), FIRE Extinguisher, Proper earthing, Well trained technical/supporting staff are provided.
3	Web and Software Development Labs	1. Specific safety rules for students displayed. 2. First aid boxes & fire extinguishers are kept in the laboratory. 3. Periodical servicing of the lab equipments. 4. Maintain a clean & organized laboratory. 5. Avoid the use of cell phones. 6. Avoid the use of damaged equipment &provide needful equipment & components. 7. CC Cameras, UPS (DATA SAFETY), FIRE Extinguisher, Proper earthing, Well trained technical/supporting staff are provided.
4	AI & Data-Driven Technologies Labs	1. Specific safety rules for students displayed. 2. First aid boxes & fire extinguishers are kept in the laboratory. 3. Periodical servicing of the lab equipments. 4. Maintain a clean & organized laboratory. 5. Avoid the use of cell phones. 6. Avoid the use of damaged equipment &provide needful equipment & components. 7. CC Cameras, UPS (DATA SAFETY), FIRE Extinguisher, Proper earthing, Well trained technical/supporting staff are provided.

D3. Project Laboratory/Research Laboratory

Name of the Laboratory: Project and Innovation Lab

Students are encouraged to actively engage in Project Innovation Labs, which integrate both software and hardware tools to support creativity, rapid prototyping, testing, and applied research. These tools empower students to explore a wide spectrum of domains such as engineering, design, artificial intelligence, machine learning, augmented/virtual reality (AR/VR), software development, Internet of Things (IoT), robotics, and data analytics. The choice of tools and technologies is tailored to the specific focus and objectives of each lab.

In addition, participation in hackathons and skill development programs is highly encouraged, as these experiences significantly enrich the learning process. They help students develop practical skills, foster innovation, and better prepare them to tackle real-world challenges—ultimately enabling them to excel and stand out in their professional careers.

Table 7.5.1: List of Projects conducted in Project Lab

Batch	Roll no.s	Names	PROJECT TITLE
1	20E51A0564	P. Tejaswini	Smart Travel :Your ultimate itinerary companion-TRL 4
	20E51A0560	P. Umesh Chandra	
	20E51A0578	T. Jyothi	
	20E51A0544	M. Deeksha	
2	20E51A0572	Sanam Venkata Manasa	Hosting a web application on Aws cloud platform -TRL6
	20E51A0567	Reddy Sahithya	
	20E51A0583	Mahalaxmi Sai	
	20E51A0545	Tejarani	
3	20E51A0547	Mohd Abdul Lateef	Medical Prescription Optical Character Recognition-TRL 5
	20E51A0546	Mohd Abdul Mufasil	
	20E51A0548	M Ganesh	
	20E51A0549	M Pavan Kumar	
4	20E51A0552	Nara Adhitya Raj	Paperless medical history application-TRL 4
	20E51A0550	Myakala Sai Sudhir	
	21E55A0513	P Abhishek	
	20E51A0582	Vantakala Pooja	
5	20E51A0551	Naga Tanusri Nukala	PROTO: A Cutomized Assistant to optimise Personal Tasks-TRL 4
	20E51A0568	R Rishikesh Reddy	

	20E51A0553	Neha B	
	20E51A0581	V Sandeep Kumar Yadav	
6	20E51A0562	Prakash Saw	Text Hidingg Using LSB-TRL 4
	20E51A0556	Nithul KC	
	20E51A0554	Nehal Kumar Singh	
	20E51A0573	Srikar Reddy	
7	20E51A0555	N Aditya Srinivas	Blockchain Based System For Handling Academic Records-TRL 4
	20E51A0584	vineela varshini kunchala	
	21E55A0514	Shiva Charan Reddy Kallem	
	21E55A0519	vemulapalli soma shekar rao	
8	20E51A0577	Syed Zoya Mehak	lost and found-TRL 4
	20E51A0580	V . Vinod Chandra	
	20E51A0557	P. Sai Samraat	
	21E55A0512	M.Soumya	
9	20E51A0558	P . Sharath chandra	Medicine and Alternative Medicine Recommendation SystemTRL 5
	20E51A0559	P . Rushith Kumar	
	20E51A0561	P . Rohith reddy	
	20E51A0576	S . Dhanush	
10	20E51A0575	S Sneha Reddy	Twitter Bot detection using URL features and learning automata TRL 5

	20E51A0574	Shinde Vinayak Rao Patil	
	20E51A0569	R Nithin	
	20E51A0528	G Keerthi	
11	20E51A0571	S Sai Surya Teja	REAL TIME VEHICLE COLLISION DETECTION USING BOUNDING BOX WITH ALERT SYSTEMTRL 5
	20E51A0579	V Yamalaiah	
	20E51A0507	B Raju	
	20E51A0534	K Deepak	
12	20E51A0585	Yarlagadda Ravitreyini Chowdary	Project Orchestrator-TRL4
	21E55A0511	M.Naresh	
	21E55A0515	Srimanthula Shivachary	
	21E55A0516	Swarna Neeraj	
13	20E51A0543	M.sravanth	Water Quality Prediction-TRL 5
	20E51A0566	R.dhanush	
14	19E51A0588	Anand Vardhan	Malicious Web Content Detection Using Machine Learning-TRL 5
	19E51A0531	E Balaraj	
	19E51A05B0	T Shivaji	

Figure 7.5.1: Sample achivement

The Department of Computer Science and Engineering provides dedicated laboratories to support projects, research, and innovation. These specialized facilities encourage students and faculty to work on cutting-edge technologies, foster innovation, and facilitate collaboration with industry.

S.No	Name of the Laboratory
1	Center of Excellence in IOT
2	Project Lab

7.5.1.1. Center of Excellence in IOT:

The Department of Computer Science and Engineering established a Center of Excellence in IoT in 2017. This center provides opportunities for students interested in the embedded domain to carry out their projects each year.

Our institute has signed a Memorandum of Understanding (MoU) with IIIT Hyderabad, which offers internship opportunities for our students. Over the past three years, Computer Science and Engineering students have participated in internships ranging from 3 to 6 months at IIIT Hyderabad.

Objectives: To impart the students the necessary skills to fulfil the industrial needs

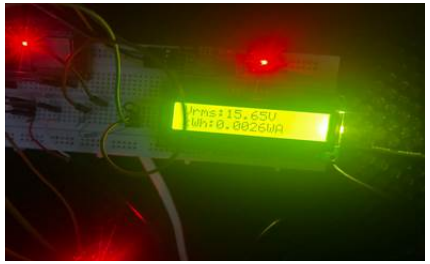
Expected outcomes:

- To develop prototypes out of the ideas.
- To win the National/International Wide competitions.
- To make the students work in teams.
- To guide the students in writing the research Papers.
- To publish patents.
- To organize certification programs for students.
- To conduct Workshops and make the students understand various advanced technologies in IOT.
- To make students ready for Industrial career.

Sample Projects under COE-IOT

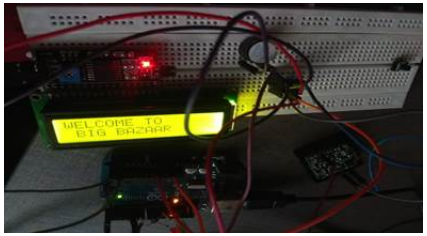
Home Automation using IOT:

The current and voltage values are checked and accordingly whenever there is excess usage of power then the power is cut

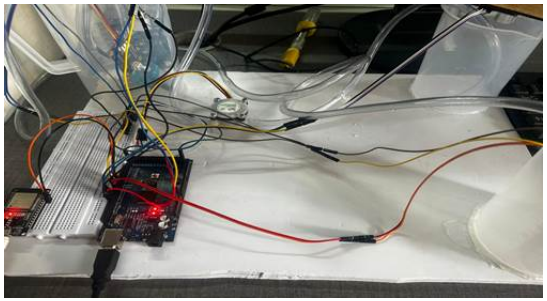


Smart Shopping Cart:

The billing of the items taken in the shopping mall will be scanned and added directly in the cart and the customer can do the payment using the QR generated in the cart display



Water Monitoring System: This project monitors the quality of water based on Ph Meter, Conductivity, it also checks the level of water in tank and accordingly it will release the water supply from main tank to sub tanks only if the water quality is good.



7.5.1.2. Research and Project lab:

The Project Laboratory is a dedicated, innovation-driven space that empowers students to translate theoretical concepts into practical applications. Designed to support both undergraduate and postgraduate students, the lab facilitates the execution of mini and major academic projects across diverse domains, including power electronics, embedded systems, renewable energy, and smart systems.

This dynamic environment fosters creativity, teamwork, and interdisciplinary collaboration, encouraging students to explore emerging technologies and develop industry-relevant solutions. Faculty members and technical staff provide continuous support and guidance, helping students effectively utilize equipment and tools. The Project Laboratory serves as a vital hub for applied learning, innovation, and industry-oriented development.

Objectives of the Project Laboratory:

- To provide a fully equipped, dedicated space for undergraduate and postgraduate students to design, develop, and implement innovative projects aligned with their academic curriculum.
- To enable students to apply theoretical knowledge to real-world problems, enhancing their technical proficiency and problem-solving capabilities.
- To promote research-driven projects that lead to academic publications and participation in technical competitions.
- To foster a creative and innovative mindset, encouraging the development of prototypes and proof-of-concept models in emerging technology areas.
- To support multidisciplinary collaboration, enabling students from various fields to work together and develop novel, integrated solutions.
- To nurture innovation by providing a platform for students to realize their ideas through hands-on prototype development.
- To enhance practical problem-solving skills through exposure to real-time challenges and cross-functional teamwork.
- To prepare students for industry roles by familiarizing them with modern tools, equipment, and hardware platforms used in current engineering practice**.**

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)	540	27	20	10	67
2023-24(CAYm1)	600	30	22	11	66
2024-25(CAY)	720	36	30	13	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	130000000	136628792	38000000	40769983	2000000	2205450	45000000	47342252
Library	700000	452723	1200000	1365752	1000000	1136130	1000000	959710
Laboratory equipment	2800000	3086525	8000000	8749441	4500000	4929643	5500000	5576837
Teaching and non-teaching staff salary	155000000	156312830	150000000	146247866	113000000	112295386	75000000	74849825
Outreach Programs	500000	477434	1000000	1175039	300000	298885	500000	335748
R&D	800000	504700	1500000	1341214	500000	502582	1550000	1644500
Training, Placement and Industry linkage	4500000	4889355	3500000	3450861	2500000	2395655	3000000	3834576
SDGs	2200000	2117622	2000000	2363732	500000	613062	1500000	1530944
Entrepreneurship	500000	488816	500000	500000	1000000	1256784	1000000	705555
Others, specify	0	0	0	0	0	0	0	0
Total	**297000000**	**304958797**	**205700000**	**205963888**	**125300000**	**125633577**	**134050000**	**136779947**

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	350000	325721	2000000	1640589	800000	800634	900000	828262
Software	300000	291584	100000	109299	200000	185296	300000	287106
SDGs	450000	423524	500000	472746	150000	122613	300000	306189
Support for faculty development	600000	605049	950000	924080	1500000	1416770	700000	691260
R & D	100000	100940	300000	268243	100000	100516	350000	328900
Industrial Training, Industry expert, Internship	1000000	977871	700000	690172	500000	479131	800000	766915
Miscellaneous Expenses*	10000	0	10000	0	5000	0	5000	0
Total	**2810000**	**2724689**	**4560000**	**4105129**	**3255000**	**3104960**	**3355000**	**3208632**