

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: 12011	Date of Submission: 01-08-2026

PART A- Profile of the Institute

A1.Name of the Institute: NARAYANA ENGINEERING COLLEGE	
Year of Establishment : 2001	Location of the Institute: Gudur
A2. Institute Address: DHURJATI NAGARGUDUR, NELLORE DT. ANDHRA PRADESH 524101	
City: Nellore	State: Andhra Pradesh
Pin Code: 524101	Website: www.necg.ac.in
Email: necgudur@necg.ac.in	Phone No (with STD Code): 08624-295641
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTH	City: Anantpur
State : Andhra Pradesh	Pin Code: 515002
A4. Type of the Institution: Autonomous CAY (2020-21)	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 9
- No. of PG programs: 5

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Computer Application	PG	Master in Computer Applications	2008	--	Computer Application
2	Engineering & Technology	UG	Civil Engineering	2011	--	Civil Engineering
3	Engineering & Technology	PG	Computer Science	2012	--	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
5	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	2023	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
6	Engineering & Technology	PG	Digital Electronics & Communication Systems	2009	2025	Electronics and Communication Engineering
7	Engineering & Technology	UG	Electrical and Electronics Engineering	2002	--	Electrical and Electronics Engineering
8	Engineering & Technology	UG	Electronics and Communication (Advanced Communication Technology)	2023	2025	Electronics and Communication (Advanced Communication Technology)
9	Engineering & Technology	UG	Electronics and Communications Engineering	2001	--	Electronics and Communication Engineering
10	Engineering & Technology	UG	Electronics Engineering (VLSI Design and Technology)	2023	2025	Electronics Engineering (VLSI Design and Technology)
11	Engineering & Technology	UG	Information Technology	2001	2013	Information Technology

12	Engineering & Technology	UG	Mechanical Engineering	2012	--	Mechanical Engineering
13	Engineering & Technology	PG	Power Electronics	2012	2025	Electrical and Electronics Engineering
14	Management	PG	Masters in Business Administration	2008	--	Management

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

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

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

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

Allied Department/Cluster Name	Program Name	Program Level
Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	UG

PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Computer Science and Engineering	UG	2001 / --	60	Yes	2025	360	2025	F. No.: South-Central / 1-44643696856 / 2025 / EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	4

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	Sanctioned Intake
2025-26	360
2024-25	240
2023-24	240
2022-23	180
2021-22	180
2020-21	180

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	UG	2023 / --	60	Yes	2025	300	2025	F. No.: South-Central / 1-44643696856 / 2025 / EOA	Not eligible for accreditation	--	--	0	4

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Artificial Intelligence and Machine Learning)															
Academic Year			Sanctioned Intake												
2025-26			300												
2024-25			60												
2023-24			60												
2022-23			0												
2021-22			0												
2020-21			0												

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

A. Name of the HoD :	DR. P VENKATESWARA RAO
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)	360	240	240	180	180	180	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	322	239	235	175	180	177	118
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	23	20	19	18	18	1
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	31	23	24	18	18	12	9
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	353	285	279	212	216	207	128

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)	360	322	31	98.06
2024-25 (CAYm1)	240	239	23	109.17
2023-24 (CAYm2)	240	235	24	107.92

Average [(ER1 + ER2 + ER3) / 3] = 105.05≡ 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).	216.00	207.00	128.00
B=No. of students who graduated from the program in the stipulated course duration	162.00	169.00	90.00
Success Rate (SR)= (B/A) * 100	75.00	81.64	70.31

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 75.65

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

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
Mean of CGPA or mean percentage of all successful students(X)	7.40	7.24	7.07
Y=Total no. of successful students	257.00	255.00	191.00
Z=Total no. of students appeared in the examination	257.00	254.00	191.00
API [X*(Y/Z)]	7.40	7.27	7.07

Average API[(AP1+AP2+AP3)/3] : 7.25

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	7.37	7.35	7.13
Y=Total no. of successful students	271.00	202.00	204.00
Z=Total no. of students appeared in the examination	275.00	210.00	209.00
API [X * (Y/Z)]	7.26	7.07	6.96

Average API [(AP1 + AP2 + AP3)/3] : 7.10

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.59	7.50	7.38
Y=Total no. of successful students	197.00	201.00	198.00
Z=Total no. of students appeared in the examination	202.00	204.00	199.00
API [X*(Y/Z)]:	7.40	7.39	7.34

Average API [(AP1 + AP2 + AP3)/3] : 7.38

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	216.00	207.00	128.00
X=No. of students placed	155.00	147.00	85.00
Y=No. of students admitted to higher studies	3.00	4.00	2.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	73.15	72.95	67.97

Average Placement Index = (P_1 + P_2 + P_3)/3: 71.36 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 V SUCHARITA	XXXXXXX99R	Ph.D	SRI PADMAVATHI MAHILA VISWAVIDYALAYAM	DATA MINING AND NEURAL NETWORKS	26/06/2017	9.1	Professor	Professor		Regular	Yes		No
2	Dr VENKATESWARA LAL P K	XXXXXXX31F	Ph.D	VIGNAN UNIVERSITY	Computer Science and Engineering – Cyber Security and Neural Networks	02/04/2015	11.4	Assistant Professor	Associate Professor	23/10/2023	Regular	Yes		No
3	CHALLA ROOPA REKHA	XXXXXXX66D	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	02/02/2016	10.6	Assistant Professor	Assistant Professor		Regular	Yes		No
4	MADHAVI PATNAM	XXXXXXX42E	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	03/04/2017	9.3	Assistant Professor	Assistant Professor		Regular	Yes		No
5	REVANTH MUDHA	XXXXXXX42B	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	02/01/2017	9.5	Assistant Professor	Assistant Professor		Regular	No	10/06/2026	No
6	VERRU PRATHIMA	XXXXXXX89B	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	08/07/2020	6	Assistant Professor	Assistant Professor		Regular	Yes		No
7	MEDOORU SWATHI	XXXXXXX92A	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	13/08/2020	5.11	Assistant Professor	Assistant Professor		Regular	Yes		No
8	KONDURU BHUVANESWARI	XXXXXXX41F	M.Tech	JNTU, Anantapur	SOFTWARE ENGINEERING	17/08/2020	5.11	Assistant Professor	Assistant Professor		Regular	Yes		No
9	KOTTE VENKATA NAGIAH	XXXXXXX61G	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	13/08/2020	5.11	Assistant Professor	Assistant Professor		Regular	Yes		No
10	MUTHYALU PINDI	XXXXXXX10K	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	05/03/2021	5.4	Assistant Professor	Assistant Professor		Regular	Yes		No
11	RAYAPATI SIVIAH	XXXXXXX78N	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	28/06/2021	5.1	Assistant Professor	Assistant Professor		Regular	Yes		No
12	SHAIK ASEEF	XXXXXXX29G	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	13/06/2022	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
13	MOHAMMAD MOBEEN	XXXXXXX64E	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	08/06/2022	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
14	PATAN YEJDANI KHAN	XXXXXXX75R	M.Tech	JNTU kakinada	COMPUTER SCIENCE	13/06/2022	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No

15	PATAN SABJAN	XXXXXXX87Q	M.Tech	JNTU kakinada	COMPUTER SCIENCE AND ENGINEERING	10/06/2022	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
16	JONNA ANNAPURNAESWARI	XXXXXXX34F	M.Tech	SRI PADMAVATHI MAHILAVISWAVIDYALAYAM	COMPUTER SCIENCE AND ENGINEERING	18/04/2022	4.3	Assistant Professor	Assistant Professor		Regular	Yes		No
17	SUDHEER REDDY VEMURU	XXXXXXX92N	M.Tech	ANDHRA UNIVERSITY	COMPUTER SCIENCE AND TECHNOLOGY	13/06/2022	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
18	SUBHASHINI MADDURI	XXXXXXX03N	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	06/07/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
19	ARAVA SUJITHA	XXXXXXX65K	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	13/06/2022	4.1	Assistant Professor	Assistant Professor		Regular	No	13/07/2026	No
20	Dr BRIGHTANAND D	XXXXXXX87G	Ph.D	ANNA UNIVERSITY	Information and Communication Engineering – Image Processing	28/06/2021	4.10	Professor	Professor		Regular	No	18/05/2026	No
21	Dr SAI RAM VALLABHUNI	XXXXXXX62F	Ph.D	Dr.MGR EDUCATIONAL AND RESURCH INSTITUTE	Computer Science and Engineering – Machine Learning	09/07/2024	2	Associate Professor	Associate Professor		Regular	Yes		No
22	VATTURU KASTHURIAH	XXXXXXX56A	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	08/01/2024	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
23	CHINTALA HIMAJA	XXXXXXX31C	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	05/06/2023	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
24	SREENIVASULU G	XXXXXXX09A	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	14/08/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Dr NAGARAJU D	XXXXXXX56H	Ph.D	Bharathiar Uiversity	Computer Science - Machine Learning	13/06/2022	3.11	Assistant Professor	Associate Professor	04/07/2022	Regular	No	25/05/2026	No
26	DR MVS KRISHNA CHAITANYA	XXXXXXX25H	Ph.D	SunRise University	Cyber Security	07/06/2023	3.1	Professor	Professor		Regular	Yes		No
27	SIVAPUJA SRIKANTH BABU	XXXXXXX95L	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	06/07/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
28	ULASA SREENIVASULU	XXXXXXX22M	M.Tech	SRM	COMPUTER SCIENCE AND ENGINEERING	07/05/2025	1.2	Assistant Professor	Assistant Professor		Regular	Yes		No
29	KOTESWARA RAO KADIVETI	XXXXXXX00G	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	05/06/2024	2.1	Assistant Professor	Assistant Professor		Regular	Yes		No
30	GONELA BHARATHKUMAR	XXXXXXX31A	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	07/07/2025	1	Assistant Professor	Assistant Professor		Regular	Yes		No
31	VENKATA RATHNAM KOLA	XXXXXXX60F	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	08/05/2025	1.2	Assistant Professor	Assistant Professor		Regular	Yes		No

32	SUBRAMANYAM NAGURU	XXXXXXX87A	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	05/06/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
33	POONURU VIJAY BHASKAR	XXXXXXX65F	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	05/06/2023	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
34	MARY JASMIN NERELLA	XXXXXXX41E	M.Tech	JNTU kakinada	COMPUTER SCIENCE AND ENGINEERING	28/07/2025	1	Assistant Professor	Assistant Professor		Regular	No	28/07/2026	No
35	NOSINOLLU KOTESWARA RAO	XXXXXXX65F	M.Tech	Satyabama University	INFORMATION TECHNOLOGY	02/06/2008	18.2	Assistant Professor	Assistant Professor		Regular	Yes		No
36	ENDELA RAMESH	XXXXXXX59G	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	07/06/2019	7.1	Assistant Professor	Assistant Professor		Regular	Yes		No
37	MURAHARI REDDY D	XXXXXXX84B	M.Tech	Satyabama University	COMPUTER SCIENCE AND ENGINEERING	18/02/2021	5.5	Assistant Professor	Assistant Professor		Regular	Yes		No
38	GANGAPATNAM PRAVEENKUMAR	XXXXXXX79K	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	15/12/2015	10.6	Assistant Professor	Assistant Professor		Regular	No	08/07/2026	No
39	PENUBOLU MOUNIKA	XXXXXXX69R	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	07/08/2023	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
40	KESAVA RAO NAGALAPURAM	XXXXXXX22D	M.Tech	Satyabama University	COMPUTER SCIENCE AND ENGINEERING	15/05/2008	16.1	Assistant Professor	Assistant Professor		Regular	No	26/06/2024	No
41	THULAM RAMA	XXXXXXX55G	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	06/06/2023	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
42	DR. D PRAMODHU KRISHNA	XXXXXXX08C	Ph.D	JNTU Hyderabad	Machine Learning and data mining	11/12/2017	8.7	Assistant Professor	Professor	16/02/2021	Regular	No	28/07/2026	No
43	DR. P VENKATESWARA RAO	XXXXXXX08A	Ph.D	RAYALASEEMA UNIVERSITY	DATA MINING AND NEURAL NETWORKS	13/05/2017	9.2	Assistant Professor	Professor	11/12/2017	Regular	Yes		Yes

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	TURAKA DHANAMJAYADU	XXXXXXX67J	NA	M.Tech	JNTUA, Anantapur	COMPUTER SCIENCE AND ENGINEERING	09/07/2024	2	Assistant Professor	Assistant Professor		Regular	Yes		No
2	Dr Muniraju Naidu Vadlamudi	XXXXXXX52D	NA	Ph.D	KLEF Demmed to be University Vijayawada	COMPUTER NETWORKS	06/05/2024	2.1	Associate Professor	Associate Professor		Regular	No	10/06/2026	Yes
3	DARISI.SIVA KUMARI	XXXXXXX85Q	XXXXXXXXXX436	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE	02/05/2024	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No

4	RAMAIAH R	XXXXXXXX60F	XXXXXXXXXX143	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	07/05/2025	1	Assistant Professor	Assistant Professor		Regular	No	02/06/2026	No
5	NAGAVAJJULA SAIRAM	XXXXXXXX87R	XXXXXXXXXX929	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	09/07/2024	2	Assistant Professor	Assistant Professor		Regular	No	25/07/2026	No
6	BODAYELU SAI SREENIVAS RAO	XXXXXXXX82A	NA	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	08/07/2024	2	Assistant Professor	Assistant Professor		Regular	Yes		
7	PADMAVATHI VANKA	XXXXXXXX82P	NA	M.Tech	JNTUA, Anantapur	COMPUTER SCIENCE AND ENGINEERING	06/05/2025	1.1	Assistant Professor	Assistant Professor		Regular	No	10/06/2026	
8	VEDITHA PALURU	XXXXXXXX21F	NA	M.Tech	JNTU, Anantapur	COMPUTER SCIENCE AND ENGINEERING	07/05/2025	1	Assistant Professor	Assistant Professor		Regular	No	02/06/2026	

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 Department1 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	263	260	198
UG1.C	260	198	198
UG1.D	198	198	198
UG1: Computer Science and Engineering	721	656	594
UG2.B	65	65	0
UG2.C	65	0	0
UG2.D	0	0	0
UG2: Computer Science and Engineering (Artificial Intelligence and Machine Learning)	130	65	0
PG1.A	9	9	9
PG1.B	9	9	9
PG1: Computer Science	18	18	18
DS=Total no. of students in all UG and PG programs in the Department	739	674	612

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
AS=Total no. of students of all UG and PG programs in allied departments	130	65	0
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 869	S2= 739	S3= 612
DF=Total no. of faculty members in the Department	42	37	34
AF= Total no. of faculty members in the allied Departments	8	5	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 50	F2= 42	F3= 34
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= 17.38	SFR2= 17.60	SFR3= 18.00
Average SFR for 3 years	SFR= 17.66		

C3. Faculty Qualification

- Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF]
2025-26(CAY)	9	41	43.00	14.77
2024-25(CAYm1)	9	33	36.00	15.42
2023-24(CAYm2)	6	28	30.00	14.33

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	6.00	5.00	11.00	4.00	33.00	41.00
2024-25	4.00	5.00	9.00	4.00	27.00	33.00
2023-24	3.00	5.00	7.00	1.00	20.00	28.00
Average	RF1=4.33	AF1=5.00	RF2=9.00	AF2=3.00	RF2=26.67	AF2=34.00

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)					
S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	D SAI SATHISH	CEO	INDIAN SERVERS	JAVA PROGRAMMING	21.00
2	D SAI SATHISH	CEO	INDIAN SERVERS	PROJECT DEVELOPMENT	36.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	RAJASEKHAR PIGILAM	CEO	INDSTACKS	ARTIFICIAL INTELLIGENCE	21.00
2	RAJASEKHAR PIGILAM	CEO	INDSTACKS	PROJECT DEVELOPMENT	35.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	V SARAN KUMAR	SENIOR SOFTWARE ENGINEER	VIRTUSA TECHNOLOGIES	DATABASE MANAGEMENT SYSTEM	27.00
2	V SARAN KUMAR	SENIOR SOFTWARE ENGINEER	VIRTUSA TECHNOLOGIES	PROJECT DEVELOPMENT	34.00

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	44	147	32
2	No. of peer reviewed conference papers published	67	42	28
3	No. of books/book chapters published	2	4	2

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. P. Venkateswara Rao	Mohammad Mobeen	CSE	Green Campus Initiative: Renewable Energy and Smart Waste Management	For the Next Generation, Bengaluru	14 months	350000.00
Dr. Venkateswara Lal Pk	Medooru Swathi	CSE	A Hybrid Machine Learning Approach for Predicting Power Transformer Failures Using Internet of Things-Based Monitoring and Explainable Artificial Intelligence	Yuvaan Constructions & Power Technologies Private Limited	12 months	255000.00
						Amount received (Rs.):605000.00

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. MVS Krishna Chaitanya	Subhashini M	CSE	Development of an Integrated Construction Project Dashboard for Real-Time Monitoring and Decision Support	Sri Hari Constructions & Services	24 months	280000.00
Dr .D.Bright Anand	E Ramesh Reddy	CSE	Automated Web Scraping and Sentiment Analysis for Hotel Reviews on TripAdvisor	Y-Mart & Hotels Private Limited	12 months	222500.00
Dr. V Sucharita	Arava Sujitha	CSE	AI-Driven Facial and Gesture Recognition Framework for Condition Assessment in Yoga Practice	Indian Yoga Association	12 months	160000.00
						Amount received (Rs.):662500.00

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Venkateswara Lal Pk	Challa Roopa Rekha	CSE	Development of Machine Learning Based Fruit Plucking Drone	Agriculture Cooperatives	18 months	478000.00
Dr Nagaraju D	Revanth M	CSE	Integrated Framework for Career Development, Research Collaboration, and Sustainable Education Ecosystem	Ratifyme Foundation	12 months	245000.00
						Amount received (Rs.):723000.00

Total Amount (Lacs) Received for the Past 3 Years: 1990500.00

Note*:

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

C8. Consultancy Work

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. P. Venkateswara Rao	N Koteswararao	CSE	Online Exam	SA Prints, NSEIT	12 months	386827.00
Dr Sairam Vallabhuni	G Praveen Kumar	CSE	Design and Implementation of a Smart Milk Procurement and Payment Automation System	Tirumala Dairy, Gudur	15 months	550000.00
Dr. V.Sucharita	R Sivaiah	CSE	Admission Chat Boat	Ravindra Bharathi School, Gudur	12 months	45000.00
Dr .D.Bright Anand	Sreenivasulu G	CSE	Appointment Booking system	CR Reddy Hospital, Gudur	3 months	47000.00
Dr Nagaraju D	Revanth M	CSE	School website	Digy Media Private Limited	3 months	45000.00
Dr. MVS Krishna Chaitanya	P.Yejdani Khan	CSE	Smart Classroom Environment Monitor	Nayago Educational Trust	5 months	55000.00
						Amount received (Rs.):1128827.00

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. P. Venkateswara Rao	N Koteswararao	CSE	Online Exam	SA Prints, NSEIT	12 months	782176.00
Dr. Venkateswara Lal Pk	Medooru Swathi	CSE	Smart Water Supply and Quality management system using web-based data analytics	Bommi Marines Pvt.Ltd, Gudur	12 months	405000.00
Dr Nagaraju D	Revanth M	CSE	Property Lead Management System	Sri Hari Constructions & Services	6 months	75000.00
Kesava Rao Nagalapuram	P.Yejdani Khan	CSE	School website	Sri Venkateswara Bala Kuteer, Guntur	3 months	45000.00
Muthyalu Pindi	Mohammad Mobeen	CSE	Bill bots	Sri Sai Ramana Hotel, Gudur	1 month	35000.00
						Amount received (Rs.):1342176.00

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. P. Venkateswara Rao	N Koteswararao	CSE	Online Exam	SA Prints, NSEIT	10 months	650758.00
Dr. V.Sucharita	Sunanda Surabathina	CSE	Developed a website	KMK Event Management Ltd	12 months	150000.00
Dr. MVS Krishna Chaitanya	T Vamsi Vardhan Reddy	CSE	Developing a Scalable AI Recommendation Engine for Digital Libraries	Nayago Educational Trust	12 months	220000.00
Dr .D.Bright Anand	Patan Sabjan	CSE	Design and Implementation of Alexa-Based Voice Controlled Smart Home System	Jyothi Electronics, Gudur	3 months	35000.00
						Amount received (Rs.):1055758.00

Total amount (Lacs) received for the past 3 years: 3526761.00

Note*:

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

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

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

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. V. Sairam	Obstetrical avoidance humanoid robot	5 months	60000.00	55100.00	Able to make the students gain exposure to interdisciplinary work (AI, robotics, electronics, control systems)
Dr Brightanand D	Document Summarization System	2 months	45000.00	44015.00	Designed working prototype
M. Subhashini	Line Follower Robot Using Internet of Things	3 months	25000.00	23600.00	Paper was published in "International Journal of Research in Engineering, IT and Social Science"
			Amount received (Rs.): 130000.00		

(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. V Sucharita	IOT-Based Wearable Patient Health Monitoring and Alert System Using Agentic AI	12 months	200000.00	195000.00	Designed working prototype
N. Koteswara Rao	Face Recognition based attendance system using Machine Learning	4 months	60000.00	58155.00	Paper was published in "International Journal of Research in Engineering, IT and Social Science"
Dr.P.Venkateswara Rao	Customer Behaviour Segmentation: Unveiling Patterns and Enhancing Marketing Strategies	3 months	45000.00	42183.00	Paper was published in "International Journal of Research in Engineering, IT and Social Science"
P Madhavi	RAG-Based Institutional Document Assistant	3 months	50000.00	35790.00	Designed working prototype
			Amount received (Rs.): 355000.00		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr .D.Bright Anand	Machine Learning Algorithm for the Detection of Brain Haemorrhage and Ischemic Stroke	3 months	65000.00	60136.00	Paper was published in "International Journal for Modern Trends in Science and Technology"
E Ramesh Reddy	Krusha Sahyog: Plant disease identification and Crop recommendation using Artificial Intelligence	12 months	150000.00	130000.00	Paper was published "Journal of Emerging Technologies and Innovative Research (JETIR)"
R Sivaiah	Air Quality Prediction and Pollution Monitoring	2 Months	65000.00	62428.00	Paper was published in "International Journal of Research in Engineering, IT and Social Science"
P Madhavi	Enhancing Yoga Practice through Real-time Posture Detection and Correction using AI	6 months	80000.00	75000.00	Paper was published "Journal of Emerging Technologies and Innovative Research (JETIR)"
P. Muthyalu	Object Detection with Voice Feedback	2 months	50000.00	45250.00	Paper was published in "International Journal of All Research Education and scientific Methods"
			Amount received (Rs.): 410000.00		

Total amount (Lacs) received for the past 3 years : 895000.00

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	Computer Lab – 01	1	Model: Lenovo Intel i5 (2.50GHZ) Mother Board, 1TB HDD, 8GB RAM, Keyboard & Mouse, 19.5"Monitor.	ODD Semester	Mrs. M. MADHAVI	PROGRAMMER	MCA
2	Computer Lab – 02	1	Model: Lenovo Intel i5 (2.50GHZ) Mother Board, 1TB HDD, 8GB RAM, Keyboard & Mouse, 19.5"Monitor.	ODD Semester	Mrs. A. MALATHI	PROGRAMMER	MCA
3	Computer Lab – 03	1	Model: Lenovo Think Centre Intel i3(3.70GHZ) Mother Board, 500GB HDD,4GB RAM, Keyboard & Mouse, 19.5"Monitor.	ODD Semester	Mrs. T. SANDHYA	PROGRAMMER	MCA
4	Computer Lab – 04	1	Model: HP Intel i5 (2.50GHZ) Mother Board, 1TB SSD, 16GB RAM, Keyboard & Mouse, 21.5"Monitor.	ODD Semester	Mr. SK. SHAREEF	PROGRAMMER	MCA
5	Computer Lab – 05	1	Model: Lenovo Intel i5 (2.50GHZ) Mother Board, 1TB HDD, 8GB RAM, Keyboard & Mouse, 19.5"Monitor.	ODD Semester	Mrs. M. SUMALATHA	PROGRAMMER	MSc(CS)
6	Computer Lab – 06	1	Model: Lenovo Think Centre Intel i3(3.70GHZ) Mother Board, 500GB HDD, 4GB RAM, Keyboard & Mouse, 19.5"Monitor.	ODD Semester	Mr. K. YOKSHITH	PROGRAMMER	B.Tech (IT)
7	Computer Lab – 07	1	Model: Lenovo Think Centre Intel i3(3.70GHZ) Mother Board, 500GB HDD, 4GB RAM, Keyboard & Mouse, 19.5"Monitor.	ODD Semester	Miss. I. PRIYANJALI REDDY	PROGRAMMER	MCA
8	Computer Lab – 08	1	Model: HP Intel i5 (2.50GHZ) Mother Board, 1TB SSD, 16GB RAM, Keyboard & Mouse, 19.5"Monitor.	IV, III, II - Year	Mr. K. HIMAVARDHAN	PROGRAMMER	B.Tech (CSE)

9	Computer Lab – 09	1	Model: HP Intel i5 (2.50GHZ) Mother Board, 1TB SSD, 16GB RAM, Keyboard & Mouse, 21.5"Monitor.	ODD Semester	Mr. K. VENGAMMA	PROGRAMMER	MCA
10	Computer Lab - 10	1	Model: HP Intel i5 (2.50GHZ) Mother Board, 1TB SSD ,16GB RAM, Keyboard & Mouse, 21.5"Monitor.	ODD Semester	Mr. G. VARUN KUMAR	PROGRAMMER	MCA
11	Computer Centre	1	Model: Lenovo Intel i5 (2.50GHZ) Mother Board, 1TB HDD ,8GB RAM, Keyboard & Mouse, 19.5"Monitor.	II,III,IV - Year B	Mrs. R. SUNANDA	PROGRAMMER	MCA

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	COMPUTER LAB-1	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.
2	COMPUTER LAB-2	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.
3	COMPUTER LAB-3	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.
4	COMPUTER LAB-4	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.

5	COMPUTER LAB-5	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.
6	COMPUTER LAB-6	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.
7	COMPUTER LAB-7	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.
8	COMPUTER LAB-8	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.
9	COMPUTER LAB-9	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.
10	COMPUTER LAB-10	1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.

11	COMPUTER CENTRE	<p>1. Do's & Don'ts are displayed and instructed to all students. 2. Fire extinguishers are placed at appropriate locations in the lab. 3. First aid kits are made available in the lab. 4. Suitable Miniature Circuit Breakers (MCBs) are provided at appropriate locations. 5. Proper earthing is provided in the labs. 6. All power cables in the labs are properly concealed. 7. Computers are checked periodically to ensure proper functioning. 8. Students must check the computer unit and its attached peripherals before using them. Students must immediately inform the programmer if any defect, error, or damage is observed in the computer hardware or software. 9. UPS backup is provided for the safe shutdown of computers, to save data before a power shutdown, and to prevent hardware failures. 10. Students are instructed to maintain a clean and organized laboratory. 11. Software installation access denied for students. 12. Username & Password for each student. 13. Sufficient exit width is provided for safe evacuation during emergencies. 14. CCTV surveillance is provided in the laboratories for safety and security purposes. 15. The use of pen drives is not permitted in the laboratories. 16. Utilization Register for students. 17. Follow Anti-Virus & Cyber Security guidelines while using the computers. 18. LANs and WLANs are periodically checked by the networking team to ensure better network performance.</p>
----	-----------------	---

D3. Project Laboratory/Research Laboratory

A. Availability of project laboratories / research laboratories

- These labs are equipped with modern computing facilities, software tools, and hardware required for skill training, research, and project implementation.

TableNo.7.5.1:

Sl. No.	Name of The Laboratory
1.	Project Lab
2.	Activity Lab for Skilling

Name of the Laboratory	Name of the Facilities	Utilization	Relevance of POs and PSOs
Project Lab	Configuration: Intel i5 (2.50GHZ) Mother Board, 1TB SSD, 16GB RAM, Keyboard & Mouse, 19.5"Monitor. Softwares: Python 3.10.3, PHP 8.0, Node-RED, TensorFlow, Keras, Scikit-learn, PyTorch.	<ul style="list-style-type: none"> B.Tech Students Faculty Members. 	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PSO1,PSO2
Activity Lab for Skilling	Configuration: Intel i5 (2.50GHZ) Mother Board, 1TB SSD, 16GB RAM, Keyboard & Mouse, 19.5"Monitor. Softwares: Instacks and Codetantra Platforms, C, Java, Python.	Coding practice, technical training, workshops, hackathons, certifications and placement training	PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10, PO11,PSO1, PSO2

B. Availability of Centre of excellence**Table No. 7.5.2:**

Sl. No.	Name of The Laboratory
1.	AIMERS Centre of Excellence

The MOUs are entered with AIMERS.

LAB	Name of the Facilities	Utilization	Relevance of POs and PSOs
-----	------------------------	-------------	---------------------------

AIMERS Center of Excellence	Configurations: Intel i5 (2.50GHZ) Mother Board, 1TB SSD, 16GB RAM, Keyboard & Mouse, 19.5"Monitor. Softwares: Python 3.10.3, PHP 8.0, TensorFlow, Keras, Scikit-learn, PyTorch.	AI/ML experiments, projects, research, workshops, hackathons, internships and skill development	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO12; PSO1, PSO2
-----------------------------	---	---	--

C. Utilization of project laboratories / research laboratory / Centre of excellence The CSE Department utilizes its project laboratories, research laboratories, and Centre of Excellence for various purposes, including project development and research activities. The labs are actively utilized for different courses and projects, ensuring students receive practical exposure and skill development.

Projects Lab:

- Projects implementation by IV B.Tech students.
- Placement Trainings (Company specific trainings).
- Team based Projects in core courses by II, III B.Tech students.

Activity Lab for Skilling:

Students:

- Short listed students attend Hackathons / Codathons through online mode.
- Major project reviews.
- Mock interviews through online/offline mode.

Faculty:

- R & D group meetings
- Faculty utilize this facility for their Research work.

AIMERS Centre of Excellence:

- Various Seminars, Workshops and demonstrations were conducted and created awareness to students on Artificial Intelligence and Machine learning domains.
- AI & ML Projects were developed by Students.
- Various Software Products in AI, ML were developed in collaboration with Faculty and Students.

D. Relevance to Pos / PSOs

The Project Laboratories, Research Laboratories, and Centre of Excellence significantly contribute to achieving all POs and PSOs by fostering technical skills, research capabilities, and innovation-driven learning. These facilities ensure that students gain industry-relevant expertise, problem-solving skills and exposure to modern tools, preparing them for real-world challenges and career excellence.

The facilities mentioned (Project Laboratory, Research & Development Lab, and Centre of Excellence) significantly contribute to the attainment of **Program Outcomes (POs)** and **Program Specific Outcomes (PSOs)** by aligning with the following key aspects:

Program Outcomes(POs):

- **PO1: Engineering Knowledge:** Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization to develop solutions to complex engineering problems.
- **PO2: Problem Analysis:** Identify, formulate, review research literature and analyze complex engineering problems, reaching substantiated conclusions with consideration for sustainable development.
- **PO3: Design/Development of Solutions:** Design creative solutions for complex engineering problems and develop systems, components or processes to meet identified needs, considering public health and safety, cost, carbon impact, culture, society and environment.
- **PO4: Conduct Investigations of Complex Problems:** Conduct investigations of complex engineering problems using research-based knowledge, including experimental design, modelling, analysis and interpretation of data to provide valid conclusions.
- **PO5: Engineering Tool Usage:** Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, while recognizing their limitations.
- **PO6: The Engineer and The World:** Analyze and evaluate societal and environmental aspects of complex engineering problems and their impact on sustainability, considering economy, health, safety, legal, cultural and environmental factors.
- **PO7: Ethics:** Apply ethical principles and commit to professional ethics, human values, diversity and inclusion, while adhering to national and international laws.
- **PO8: Individual and Collaborative Team work:** Function effectively as an individual and as a member or leader of diverse and multidisciplinary teams.
- **PO9: Communication:** Communicate effectively and inclusively with the engineering community and society through reports, documentation, presentations and other appropriate communication methods.
- **PO10: Project Management and Finance:** Apply engineering management principles and economic decision-making to one's work, including project management and working effectively in multidisciplinary environments.
- **PO11: Life-Long Learning:** Recognize the need for independent and lifelong learning, adaptability to emerging technologies and critical thinking in the context of technological change.

Program Specific Outcomes(PSOs):

- **PSO1 (Software Product Development):** Apply the principles and practices of software engineering to develop quality software applications that effectively address industry and societal needs.
- **PSO2 (Employment and Entrepreneurship):** Apply knowledge of programming languages, specialized software tools, and emerging technologies to pursue successful careers in industry or entrepreneurship with professional and ethical responsibility.

These facilities directly support POs/PSOs by integrating theoretical knowledge with hands- on practice, innovation, and industry collaboration, there by preparing students for academic excellence and professional success.

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)	660	33	36	10	93
2024-25(CAYm1)	660	33	38	9	98
2025-26(CAY)	990	50	47	13	80

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Infrastructure Built-Up	20000000	20038567	13000000	11614824	22000000	20317879	12500000	12413976
Library	1500000	1340251	1350000	1112836	1250000	1188185	1200000	1137650
Laboratory equipment	16450000	15986929	8850000	8322781	7555000	7342872	8745000	8665341
Teaching and non-teaching staff salary	170000000	166348651	150000000	142712506	125000000	118853108	105000000	97999543
Outreach Programs	700000	656555	650000	625352	600000	605455	550000	595875
R&D	1540000	1462579	1430000	1429981	1310000	1302355	1120000	1136461
Training, Placement and Industry linkage	6000000	5572197	5500000	5429685	4000000	3888787	3500000	3017518
SDGs	2820000	2541522	2680000	2598470	2170000	2205058	1760000	1707343
Entrepreneurship	500000	489788	475000	457855	450000	455245	450000	504545
Others, specify	70000000	67403048	45000000	40674542	26000000	25767732	20000000	19795195

Total	289510000	281840087	228935000	214978832	190335000	181926676	154825000	146973447
-------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

E3. Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	8500000	8347329	2000000	1891146	1500000	1305222	4000000	4151738
Software	0	0	400000	395000	300000	305000	0	0
SDGs	350000	335654	300000	295500	200000	205456	200000	198758
Support for faculty development	180000	155600	175000	156500	130000	129850	120000	131250
R & D	170000	161500	150000	147854	140000	142547	130000	129854
Industrial Training, Industry expert, Internship	300000	295784	250000	247895	250000	242455	200000	209875
Miscellaneous Expenses*	32000000	31608280	21000000	20340590	20000000	18349602	15000000	13592879
Total	41500000	40904147	24275000	23474485	22520000	20680132	19650000	18414354