

NATIONAL BOARD OF ACCREDITATION

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

PART-A: Profile of the Institute

Name of the Program Applied for: B.E. Computer Science and Engineering

A1: Name of the Institute: - Hindusthan Institute of Technology

Year of Establishment : 2007

Location of the Institute: Coimbatore - 641 032

A2: Institute Address: -

City: Coimbatore

State : Tamil Nadu

Pin Code: 641032

Website : <http://hit.edu.in/>

E-mail : hitprincipal@hindusthan.net

Phone No (with STD Code): 0422 4242477

A3: Name and Address of the Affiliating University (If any): -

Name of the University: Anna University

City : Chennai

State : Tamil Nadu

Pin Code: 600025

A4: Type of the Institution: - (Tick the applicable choice)

Institute of National Importance

Deemed University

University

Autonomous

Non-Autonomous (Affiliated)

Any other (Please specify) *

***Provide Details:** _____

A5: Ownership Status: - (Tick the applicable choice)

Central Government

State Government

Government Aided

Self-financing

Any Other (Please specify) *

***Provide Details:** _____

A6: Details of all Programs being offered by the Institution: -

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

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

S.N.	Level of program (UG/PG)	Name of the program	Year of Start	Year of close*	Name of the Department
1.	UG	B.E (Aeronautical Engineering)	2007	-	Aeronautical Engineering
2.	UG	B.E (Computer Science and Engineering)	2007	-	Computer Science and Engineering
3.	UG	B.E (Electronics and Communication Engineering)	2007	-	Electronics and Communication Engineering
4.	UG	B.Tech(Information Technology)	2007	-	Information Technology
5.	UG	B.E (Mechanical Engineering)	2009	-	Mechanical Engineering
6.	UG	B.Tech(Artificial Intelligence and Data Science)	2021	-	Artificial Intelligence and Data Science
7.	PG	Master of Business Administration	2008	-	Master of Business Administration
8.	PG	M.E (Computer Science and Engineering)	2010	-	Computer Science and Engineering
9.	PG	M.E (VLSI)	2012	-	Electronics and Communication Engineering

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

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

Cluster ID.	Name of the Department	Name of the Program
1	Aeronautical Engineering	B.E. Aeronautical Engineering
2	Computer Science and Engineering	B.E. Computer Science and Engineering
3	Electronics and Communication Engineering	B.E. Electronics and Communication Engineering
4	Mechanical Engineering	B.E. Mechanical Engineering

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)
2.	Computer Science and Engineering	Information Technology
		Artificial Intelligence and Data Science

PART-B: Program information

B1: Provide the Required Information for the Program Applied for: -

Table No. B1: Program details

S. N.	Program Name	Year of start	Sanctioned Intake	Increase/ decrease in intake, if any	Year of increase/ decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	Computer Science and Engineering	2007	60	120 180	2013-14 2022-23	Southern/1-44641827052/2025/EOA	Accredited-TIER-II Granted accreditation for 3 years for the period 2018 - 2021, (Covid 19 Extension 2021 - 2022) (Compliance 2022 - 2025)	1

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

A. Name of the HoD: Dr. A. Jameer Basha

B. Nature of appointment: (Tick the applicable choice)

❖ Regular

❖ Contract

❖ Ad hoc

C. Qualification: (Tick the applicable choice)

❖ Ph.D.

❖ ME/M.Tech

❖ Any other*

❖ *Please provide details: _____

B3: Program Details

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

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY 2024-2025	CAYm1 2023-2024	CAYm2 2022-2023	CAYm3 2021-2022	CAYm4 (LYG) 2020-2021	CAYm5 (LYGm1) 2019-2020	CAYm6 (LYGm2) 2018-2019
N= Sanctioned intake of the program (as per AICTE /Competent authority)	180	180	180	120	120	120	120
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	180	180	180	120	120	120	56
N2= Number of students admitted in 2 nd year in the same batch via lateral entry including leftover seats	05	06	10	06	11	00	1
N3= Separate division if any	00	01	00	00	00	01	00
N4= Total no. of students admitted in the 1 st year via all supernumerary Quotas	09	06	08	06	06	01	00
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	194	193	198	132	137	122	57

B4: Enrolment Ratio in the First Year

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

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY 2024-25	CAYm1 2023-24	CAYm2 2022-23
N= Sanctioned intake of the program in the 1 st year (as per AICTE/Competent authority)	180	180	180
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	180	180	180
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	9	6	8
Enrolment Ratio (ER)= (N1+N4)/N	100	100	100
Average ER= (ER_1+ ER_2+ ER_3)/3	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	LYG 2020-21	LYGm1 2019-20	LYGm2 2018-19
A* = (No. of students admitted in the 1 st year of that batch and those actually admitted in the 2 nd 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).	133	122	57
B=No. of students who graduated from the program in the stipulated course duration	127	119	57
Success Rate (SR)= (B/A)*100	95.48	97.54	100
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)		97.67	

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
X= (Mean of 1 st 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 1 st year/10)	7.61	7.77	7.75
Y= Total no. of successful students	186	188	126
Z = Total no. of students appeared in the examination	186	188	126
API = X* (Y/Z)	7.61	7.77	7.75
Average API = (API_1 + API_2 + API_3)/3		7.71	

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 2 nd 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 2 nd year/10)	7.85	7.82	8.36
Y= Total no. of successful students	192	129	133
Z=Total no. of students appeared in the examination	192	129	133
API = X* (Y/Z)	7.85	7.82	8.36
Average API = (API_1 + API_2 + API_3)/3		8.01	

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 3 rd 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 3 rd year/10)	8.39	8.19	8.18
Y= Total no. of successful students	129	133	122
Z= Total no. of students appeared in the examination	129	133	122
API = X* (Y/Z)	8.39	8.19	8.18
Average API = (API_1 + API_2 + API_3)/3	8.25		

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	133	122	57
X= No. of students placed	103	81	42
Y= No. of students admitted to higher studies	5	15	7
Z= No. of students taking up entrepreneurship	1	2	-
X + Y + Z =	109	98	49
Placement Index (P) = (((X + Y + Z)/FS) * 100)	81.95	80.32	85.96
Average placement index = (P_1 + P_2 + P_3)/3	82.74		

PART C: Faculty Details in 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

S.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)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1.	Dr.Jameer Basha A	AJJPJ7725K	N A	ME/ M.Tech and PhD	Anna University	Computer Science and Engineering	02-07-2018	6.7	Professor	Professor	02-07-2018	Regular		Yes	
2.	Dr.Jayasutha.D	ATPPJ9928G	N A	ME/M. Tech and PhD	Anna University	Computer Science and Engineering	28-06-2021	3.7	Assistant Professor	Associate Professor	28-06-2022	Regular		Yes	
3.	Dr.Chitra.M	AIEPC4708K	N A	ME/ M.Tech and PhD	Anna University	Computer Science and Engineering	05-07-2023	1.6	Professor	Professor	05-07-2023	Regular		Yes	
4.	Dr.Ramasamy S	AQOPR7964G	N A	ME/ M.Tech and PhD	Anna University	Computer Science and Engineering	28-06-2021	3.7	Assistant Professor	Associate Professor	01-06-2023	Regular		Yes	
5.	Dr.Mahesh Kumar N.B	BBPPM9932E	N A	ME/ M.Tech and PhD	Anna University	Computer Science and Engineering	05-07-2023	1.6	Professor	Professor	05-07-2023	Regular		Yes	

6.	Dr.Subhalaskhmi.R.T	FACPS2002H	N A	ME/M.Tech and PhD	Anna University	Computer Science and Engineering	20-10-2021	3.3	Assistant Professor	Assistant Professor		Regular		Yes	
7.	Dr.Tamizharasu.S	AJFPT2575H	N A	ME/M.Tech and PhD	Anna University	Computer Science and Engineering	08-07-2022	2.6	Assistant Professor	Assistant Professor		Regular		Yes	
8.	Dr.Senthil Kumar R	DPCPS6327N	N A	ME/M.Tech and PhD	Anna University	Computer Science and Engineering	05-07-2022	2.6	Assistant Professor	Assistant Professor		Regular		Yes	
9.	Mr.Babu Thirumangaiyalwar.E	AQZPB7269F	N A	ME/M.Tech	Anna University	Computer Science and Engineering	02-07-2012	12.7	Assistant Professor	Assistant Professor		Regular		Yes	
10.	Mrs.Kalaiselvi.T	DCGPK9750Q	N A	ME/M.Tech	Karpagam University	Computer Science and Engineering	16-07-2012	12.7	Assistant Professor	Assistant Professor		Regular		Yes	
11.	Mrs.Jeevitha.P	AUWPJ2292F	N A	ME/M.Tech	Anna University	Information Technology	07-08-2017	7.5	Assistant Professor	Assistant Professor		Regular		Yes	
12.	Mrs.Vidhya.D	AKQPV5852K	N A	ME/M.Tech	Anna University	Computer Science and Engineering	07-08-2017	7.5	Assistant Professor	Assistant Professor		Regular		Yes	
13.	Mrs.Pavithra.K.S	BXJPP2559Q	N A	ME/M.Tech	Anna University	Computer Science and Engineering	04-06-2018	6.7	Assistant Professor	Assistant Professor		Regular		Yes	
14.	Mrs.Banupriya.M	BSUPB0962M	N A	ME/M.Tech	Anna University	Computer Science and Engineering	16-07-2018	6.7	Assistant Professor	Assistant Professor		Regular		Yes	
15.	Mrs.C.E.Rajaprabha	BNOPR9794N	N A	ME/M.Tech	Anna University	Computer and Communication Engineering	20-06-2019	5.7	Assistant Professor	Assistant Professor		Regular		Yes	
16.	Mrs.Nishanandhin.i.A	CCTPN1621H	N A	ME/M.Tech	Karpagam University	Computer Science and Engineering	05-07-2021	3.6	Assistant Professor	Assistant Professor		Regular		Yes	
17.	Mr Suresh Kumar.P	BRCPs2689P	N A	ME/M.Tech	Anna University	Computer Science and Engineering	19-07-2021	3.6	Assistant Professor	Assistant Professor		Regular		Yes	
18.	Mr.Devendran M	BBKPD6265J	N A	ME/M.Tech	Anna University	Computer Science and	08-04-2022	2.9	Assistant Professor	Assistant Professor		Regular		Yes	

				h		Engineering									
19.	Mr.Murugan K	BCJPM9259B	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	08-04-2022	2.9	Assistant Professor	Assistant Professor		Regular		Yes	
20.	Ms.Uma Maheswari.P	ADEPU7031Q	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	15-07-2022	2.6	Assistant Professor	Assistant Professor		Regular		Yes	
21.	Mrs.V.Priyanka	CHEPV5098L	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	12-06-2023	1.7	Assistant Professor	Assistant Professor		Regular		Yes	
22.	Mr.Sathishkumar. S	DMVPK8085F	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	03-07-2023	1.7	Assistant Professor	Assistant Professor		Regular		Yes	
23.	Mr.Udhayakumar. T	ACFPU6650D	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	24-06-2024	0.7	Assistant Professor	Assistant Professor		Regular		Yes	
24.	Mr.Jayaprakash.S	BBZPJ4145A	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	24-06-2024	0.7	Assistant Professor	Assistant Professor		Regular		Yes	
25.	Mrs.N.Abinaya	AUVPA4867G	N A	ME/ M.Tec h	Amrita University	Computational Engineering and Networking	01-07-2024	0.7	Assistant Professor	Assistant Professor		Regular		Yes	
26.	Mr.Johny Sebastine	AQYPJ5976E	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	08-07-2024	0.6	Assistant Professor	Assistant Professor		Regular		Yes	
27.	Ms.J.Pavithra	CCZPP5871P	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	11-07-2024	0.6	Assistant Professor	Assistant Professor		Regular		Yes	
28.	Mrs.Mookhambik a.N	ARNPM8222G	N A	ME/ M.Tec h	Avinashilin gam University	Computer Science and Engineering	12-07-2024	0.7	Assistant Professor	Assistant Professor		Regular		Yes	
29.	Mrs.Suganthi.D	CEMPS4692Q	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	07-08-2024	0.5	Assistant Professor	Assistant Professor		Regular		Yes	
30.	Mrs.Ramalakshmi B	BFRPR9941G	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	12-08-2024	0.5	Assistant Professor	Assistant Professor		Regular		Yes	
31.	Mrs.Praveena.A	CHTPA0042G	N A	ME/ M.Tec	Anna University	Computer Science and	12-08-2024	0.5	Assistant Professor	Assistant Professor		Regular		Yes	

				h		Engineering								
32.	Dr.Senthil Singh.C	CSGPS8267P	N A	ME/ M.Tec h and PhD	Anna University	Computer Science and Engineering	06-06-2022	2.8	Professor	Professor	06-06-2022	Reg ular		Yes
33.	Mrs.Rathika Prabhu	BOZPR3782L	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	20-06-2019	5.7	Assistant Professor	Assistant Professor		Reg ular		Yes
34.	Mr.Periyasamy.P. N	BDKPP8441E	N A	ME/ M.Tec h	Sathyabam a University	Information Technology	07-03-2022	2.1	Assistant Professor	Assistant Professor		Reg ular		Yes
35.	Mr.Uthayakumar.J	AESPU8933J	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	08-06-2023	1.7	Assistant Professor	Assistant Professor		Reg ular		Yes
36.	Mr.Senthilkumar. R	BVYPS6004C	N A	ME/ M.Tec h	Anna University, Coimbatore	Computer Science and Engineering	14-07-2021	2.1	Assistant Professor	Assistant Professor		Reg ular		No 31-05-2024
37.	Mrs.Pradeepa.V	CUQPP7063N	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	10-08-2021	2.9	Assistant Professor	Assistant Professor		Reg ular		No 31-05-2024
38.	Dr.Uma S	AAMPU8891R	N A	ME/M. Tech and PhD	Anna University	Computer Science and Engineering	07-01-2013	11.4	Professor	Professor	07-01-2013	Reg ular		No 03-06-2024
39.	Mrs.Gomathi.P	BJQPG6015B	N A	ME/ M.Tec h	Anna University	Computer and Communication Engineering	01-09-2020	3.9	Assistant Professor	Assistant Professor		Reg ular		No 03-06-2024
40.	Mr.Arun.R	ANRPA6321Q	N A	ME/ M.Tec h	Karpagam University	Computer Science and Engineering	06-11-2020	3.6	Assistant Professor	Assistant Professor		Reg ular		No 03-06-2024
41.	Mrs.Gnanakumari. R	AVTPG2611E	N A	ME/ M.Tec h	Anna University	Computer Science and Engineering	11-07-2022	1.1	Assistant Professor	Assistant Professor		Reg ular		No 03-06-2024
42.	Dr.Thangamani.A	AKKPT3877C	N A	ME/ M.Tec h and PhD	Anna University	Computer Science and Engineering	04-07-2023	0.11	Professor	Professor	04-07-2023	Reg ular		No 03-06-2024

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

S.No.	Name of the Faculty	PANNo.	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 thisInstitution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/Contract/ Ad hoc)	If contractual mention Full time or(Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is " No")
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE – ALLIED DEPARTMENT

1.	Dr.Ganesh Kumar.G	BJSPG1891D	NA	ME/ M.Tech and PhD	Anna University	Computer Science and Engineering	09-06-2023	1.7	Associate Professor	Associate Professor	09-06-2023	Regular		Yes	
2.	Mr.Pradeep.M	DOUPM2932E	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	02-07-2014	10.7	Assistant Professor	Assistant Professor		Regular		Yes	
3.	Mr.Muralidharan Arumugam	BOSPM3201A	NA	ME/ M.Tech	Dr.M.G.R Educational and Research Institute	Computer Science and Engineering	01-07-2015	9.7	Assistant Professor	Assistant Professor		Regular		Yes	
4.	Mr.Boopathiraja.M	BAPPB7543H	NA	ME/ M.Tech	Karpagam University	Computer Science and Engineering	20-06-2019	5.7	Assistant Professor	Assistant Professor		Regular		Yes	
5.	Mrs. Midhun Prabha M P	EZTPM3452G	NA	ME/ M.Tech	Anna University	Computer Science and	26-07-2019	5.6	Assistant Professor	Assistant Professor		Regular		Yes	

6.	Mr.Govindaraju.M	ARHPM4127E	NA	ME/ M.Tech	Vinayaka Mission University	Engineering Computer Science and Engineering	26-07- 2019	5.6	Assistant Professor	Assistant Professor		Regular		Yes
7.	Mrs.Sofiyabanu.M	EKMPS1710K	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	19-07- 2021	3.6	Assistant Professor	Assistant Professor		Regular		Yes
8.	Mr. Balasubramani S	AVAPB6238J	NA	ME/ M.Tech	Anna University	Information Technology	02-08- 2021	3.6	Assistant Professor	Assistant Professor		Regular		Yes
9.	Ms.Gomathi Lakshmi	BCCPG9291C	NA	ME/ M.Tech	Karpagam University	Computer Science and Engineering	02-08- 2021	3.6	Assistant Professor	Assistant Professor		Regular		Yes
10	Mrs.Sasipriya.S	IWQPS5195G	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	09-08- 2023	1.6	Assistant Professor	Assistant Professor		Regular		Yes
11	Mrs.Tamilselvi.V	AQNPT2688J	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	12-08- 2024	0.5	Assistant Professor	Assistant Professor		Regular		Yes
12	Mrs.Ramya.P	BJPPR2057D	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	12-08- 2024	0.5	Assistant Professor	Assistant Professor		Regular		Yes
13	Mr.Bijubalakrishna n	ARYPB8608A	NA	ME/ M.Tech	Vinayaka Mission University	Information Technology	22-11- 2021	2.6	Assistant Professor	Assistant Professor		Regular		No 20-06- 2024

DEPARTMENT OF INFORMATION TECHNOLOGY – ALLIED DEPARTMENT

14	Dr.Duraipandian.M	ANUPM1547K	NA	ME/ M. Tech and PhD	Anna University	Computer Science and Engineering	04-07- 2022	2.7	Professor	Professor	04-07- 2022	Regular		Yes
15	Dr.Prakash.J	BFUPP9980E	NA	ME/ M. Tech and PhD	Anna University	Computer Science and Engineering	03-07- 2023	1.7	Associate Professor	Associate Professor	03-07- 2023	Regular		Yes
16	Mr.Manikandan.B	AIZPM4143P	NA	ME/ M.Tech	Sathy bama University	Computer Science and Engineering	04-08- 2010	14. 6	Assistant Professor	Assistant Professor		Regular		Yes
17	Mrs.Kavipriya.G	BEEPK8136Q	NA	ME/ M.Tech	Anna University	Software Engineering	11-06- 2018	6.7	Assistant Professor	Assistant Professor		Regular		Yes
18	Ms.Divya.G	BJRPD9610E	NA	ME/ M.Tech	Anna University	Software Engineering	07-05- 2018	6.8	Assistant Professor	Assistant Professor		Regular		Yes

19	Mr.Vimal Kumar	AGIPV1214H	NA	ME/ M.Tech	Anna University	Information Technology	06-09- 2019	5.4	Assistant Professor	Assistant Professor		Regular		Yes	
20	Mrs.Saranya.M	EVUPS7888M	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	07-03- 2022	2.1	Assistant Professor	Assistant Professor		Regular		Yes	
21	Mrs.Suganya.K	EUHPS5813Q	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	06-06- 2022	2.7	Assistant Professor	Assistant Professor		Regular		Yes	
22	Mrs.Banupriya.R	CDXPB6811Q	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	06-06- 2022	2.7	Assistant Professor	Assistant Professor		Regular		Yes	
23	Mr.Pandiyarajan P	BUNPP5507K	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	10-06- 2022	2.7	Assistant Professor	Assistant Professor		Regular		Yes	
24	Mrs.Umashankari V	ACEPU0817B	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	10-06- 2022	2.7	Assistant Professor	Assistant Professor		Regular		Yes	
25	Mrs.Devi.K	AMBPD7310F	NA	ME/ M.Tech	Prist University	Computer Science and Engineering	04-07- 2022	2.7	Assistant Professor	Assistant Professor		Regular		Yes	
26	Mr.D.Ramesh	ARRPR9486P	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	11-07- 2022	2.6	Assistant Professor	Assistant Professor		Regular		Yes	
27	Mrs.Libi Sharon.J	AMLPL4704D	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	15-07- 2024	0.6	Assistant Professor	Assistant Professor		Regular		Yes	
28	Mr.Senthilkumar.T	ESMPS8709C	NA	ME/ M.Tech	Anna University	Computer Science and Engineering	06-06- 2016	7.1 1	Assistant Professor	Assistant Professor		Regular		No	31-05- 2024

C2: Student-Faculty Ratio (SFR)

Table No.C2.1: Student-faculty ratio

Year	CAY 2024-25	CAYm1 2023-24	CAYm2 2022-23
UG1. B	187	192	126
UG1. C	190	126	131
UG1. D	126	131	120
UG1 (UG-Engineering-CSE)	503	449	377
UG2. B	65	64	66
UG2. C	64	66	-
UG2. D	66	-	-
UG2 (UG-Engineering- (Artificial Intelligence& Data Science))	195	130	66
UG3. B	120	63	63
UG3. C	63	63	66
UG3. D	63	66	63
UG3 (UG-Engineering (Information Technology))	246	192	192
PG1. A	24	24	24
PG1. B	24	24	24
PG1 (PG-Engineering-CSE)	48	48	48
DS=Total no. of students in the Department (UG1,PG1)	551	497	425
AS=Total no. of students in allied departments (UG2,UG3)	441	322	258
S=Total no. of students in theDepartment (DS) and allieddepartments (AS)	992	819	683
DF=No. of faculty members in theDepartment	35	33	27
AF=No. of faculty members in theallied Departments	26	25	22
F=Total no. of faculty members int he Department (DF) and allied Departments (AF)	61	58	49
FF=The faculty members who have a 100% teaching load inthe first-year courses	5	4	3
Student Faculty Ratio(SFR)=S/(F-FF)	17.71	15.17	14.85
Average SFR for 3 years	15.91		

C3: Faculty Qualification

Table No.C3.1: Faculty qualification

Year	X	Y	RF	FQI= 2.5 * [(10X +4Y)/RF]
CAY 2024-25	12	49	50	15.80
CAYm1 2023-24	13	45	41	18.90
CAYm2 2022-23	6	43	34	17.06

C4: Faculty Cadre Proportion

Table No.C4.1: Faculty cadre proportion details

Year	Professors		Associate Professors		Assistant Professors	
	Required Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
CAY 2024-25	5.55	5	11.11	4	33.33	52
CAYm1 2023-24	4.55	7	9.11	4	27.33	47
CAYm2 2022-23	3.77	4	7.55	1	22.66	44
Average Numbers	RF1=4.62	AF1= 5.33	RF2= 9.26	AF2= 3.00	RF3= 27.77	AF3= 47.67

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

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1 2023-24				
1.	Mr.Manoj kumar K	Data Scientist and Director, Boston Institute of Analytics, Coimbatore.	Data Science using R	32
2.	Mr.Santhosh Shanmugaraj	Technical Specialist, Tech Mahindra.	Information Retrieval	32
Total no. of hours:				64
CAYm2 2022-23				
1.	Swarnamanjiri B	Data Scientist and Director, Boston Institute of Analytics, Coimbatore.	Machine Learning	30
2.	Mr.Anand Kumar	Corporate Trainer, IBM Technologies, Coimbatore	Data Visualization	32
Total no. of hours:				62
CAYm3 2021-22				
1.	Mr.Premanand Saminathan	Senior Test Analyst, Cognizant Technology Solutions, CHIL SEZ IT PARK, Keernatham	Software Testing	30
2.	Ms.Subhasri	Corporate Trainer, IBM Technologies, Coimbatore	Java Fundamentals	32
Total no. of hours:				62

C6: Academic Research

Table No. C6.1: Faculty publication details

S.N.	Item	CAYm1 2023-24	CAYm2 2022-23	CAYm3 2021-22
1	No. of peer reviewed journal papers published	9	16	8
2	No. of peer reviewed conference papers published	15	9	4
3	No. of books/book chapters published	8	6	3

C7: Sponsored Research Project

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

C8: Consultancy Work

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

S.N .	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)
CAYm1 2023-24							
1.	Dr.Jameer Basha.A	Dr.Senthilkumar.R	CSE	CRM / ERP Development	Metalica Motors, Achampatti Coimbatore	1 year	1.45
2.	Dr.Senthilkumar.R	Dr.Ramasamy.S	CSE	Automated Resume Screening System	Initz Technologies Coimbatore	1 year	1.60
3.	Mr.Murugan.K	Mr.Devendra n.M	CSE	Real Time Food Tracker	Clarozon Technologies	1 year	1.35
4.	Dr.Jayasudha. D	Mr.Uthayakumar.J	CSE	IoT-based Smart Home Automation System	Quantanics TechServ Madurai	1 year	1.40
5.	Dr.Chitra.M	Mr.Arun.R	CSE	Chat-bot System for Customer Support	Little Genius Technologies	1 year	1.50
6.	Dr.Subhalakshmi.R.T	Mrs.Jeevitha. P	CSE	AI-Based Real-Time Voice Assistant	Webnest Technologies	1 year	1.55
7.	Dr.Maheshkumar.N.B	Mr.Murugan. K	CSE	AI-Based Video Surveillance System	Visaithalam Solutions	1 year	1.60
Amount received (Lacs)						10.45	
CAYm2 2022-23							
1.	Mrs.Jeevitha. P	Mrs.Pavithra. K.S	CSE	Blockchain based Supply Chain management	Litz Technologies	1 year	1.70
2.	Dr.Senthilkumar.R	Mr.Devendra n.M	CSE	IoT Based Energy Monitoring and Optimization System	M/s. Talent Factori Pvt Ltd	1 year	1.75
3	Dr.Jeyasudha .D	Mrs.BanuPriya. M	CSE	Vehicle Tracking System	Icore solutions	1 year	1.58
4	Dr.Subhalakshmi.R.T	Mr.Kalaiselvi. T	CSE	AI-Based Disease Diagnosis System	Dataspire Technologies	1 year	1.50
Amount received (Lacs)						6.53	
CAYm3 2021-22							
1.	Dr.Kala.R	Mrs.Vidhya.D	CSE	Smart Blind Stick	INITZ Technologies	1 year	1.55

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

S.N.	Faculty name	Project title/ Supporter Activity	Duration	Amount (Lacs)	Amount Utilized in (Lacs)	Outcomes of The project
CAYm1 2023-24						
1.	Dr.Jayasutha.D	Monitoring the Progress of Labour from Remote area using Medical IoT	One year	1.90	1.90	<p>1. This system enables timely medical interventions, early detection of complications, and effective remote consultation, reducing maternal and infant mortality rates.</p> <p>2. The project demonstrates the feasibility and effectiveness of integrating IoT technology into rural healthcare infrastructure, bridging the gap between remote patients and expert medical care</p>
2.	Dr.Senthilkumar.R	Robotic Companies in Healthcare: Investigate the Role of Humanoid Robots in Augmenting Patient Well Being	One year	1.75	1.75	<p>1. A humanoid robot used in healthcare has enhanced a patient well-being by assisting in rehabilitation, elderly care, and mental health support.</p> <p>2. The investigation underscores the growing acceptance and integration of humanoid robots in hospitals and home care, demonstrating their potential to complement human caregivers and transform the delivery of patient-centered care</p>

CAYm2 2022-23						
1.	Dr.Ramasamy.S	Premature finding and analysis of multi disease from healthcare big data in cloud environment exhausting amalgam deep learning technique	One Year	1.00	1.00	1. Analyzed a multi disease from the healthcare big data and produced the accurate result in heart disease. 2. The approach not only reduces diagnosis time but also supports healthcare professionals with actionable insights, contributing to timely interventions and improved patient outcomes across diverse medical conditions.
2.	Mrs.Banupriya.M, & Mrs.Rajaprabha.C.E	IoT Based Smart Crop Protection System for Agriculture	One Year	1.90	1.90	1. Analyzed a IoT-based smart crop protection system enhances agricultural productivity by enabling real-time pest detection and watering 2. The system's remote accessibility and scalability make it especially beneficial for small and medium-scale farmers, promoting smarter farming practices and ensuring healthier crop yields.
3.	Mrs.Vidhya.D	AI based localization and classification of skin disease with erythema	One Year	1.85	1.85	Monitored an AI-based system for localization and classification of skin diseases with erythrocyte improves early detection and diagnosis
4.	Mrs.Gnanakumari.R, & Mrs.Saranya.S	Stroke Disease Prediction using Deep learning model CNN and Bidirectional LSTM	One Year	1.50	1.50	1.How a deep learning model using CNN and Bi-directional LSTM enhances stroke prediction by extracting spatial and temporal features for accurate risk assessment. 2.This deep learning-based approach enables timely stroke risk assessment, facilitating early intervention and potentially reducing stroke-related mortality and long-term disability.
5.	Mr.Murugan.K	IoT Empowered Automated Solar Grass Cutter	One Year	1.50	1.50	Analyze how an IoT-empowered automated solar grass cutter enhances lawn maintenance by enabling remote monitoring, autonomous operation, and energy-efficient grass cutting. Powered by solar energy, the system ensures sustainable operation without dependency on external power sources.
Amount received (Lacs)					7.75	

CAYm3 2021-22						
1.	Senthilkumar.R	Intelligence Support System for Diagnosis of Covid-19 and captioning of X-ray images using LSTM and RNN with explainability	One Year	1.40	1.40	1. An intelligent support system using LSTM and RNN enhances COVID-19 diagnosis by accurately analyzing and captioning X-ray images with explainability. 2. The model achieved high precision, recall, and F1-score in detecting Covid-19 from X-ray images, as a diagnostic support tool for radiologists and healthcare professionals.
2.	Mr.Arun.R	Brain Tumour Detection Using DCNN and its Applications using FPGA implementations	One Year	1.98	1.98	1. How a brain tumor detection system using DCNN and FPGA improves diagnostic accuracy by enabling real-time, high-speed image processing with low power consumption. 2. The DCNN model achieved high classification accuracy in detecting and localizing brain tumors from MRI scans, demonstrating its effectiveness in medical image analysis.
3.	Subhalakshmi.R.T	Automatic Segmentation and Classification of Covi-19 CT images using dual branch combination network(DCN)	One Year	1.95	1.95	1. Analyzed how an automatic segmentation and classification system using a Dual Branch Combination Network (DCN) enhances COVID-19 CT image analysis by improving accuracy in lesion detection and classification. 2. The segmentation branch of the network precisely highlighted infection areas in the lungs, helping radiologists to visualize and assess the severity of Covid-19 involvement.
Amount received (Lacs)					5.33	
Total amount (Lacs) received for the past 3 years					16.73	

PART-D: Laboratory Infrastructure in the Department

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

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

S. N.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the major Equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1.	CSE I Lab	60	Intel Core i7-12700 1TB 7200 RPM 3.5" SATA Hard Drive, 16GB RAM, 1TB HDD, ACER Monitor 21.5 Inch	24 Hours	Mr.P. Rajasekaran	System Administrator	MCA
2.	CSE II Lab	60	ACER VERITON M200-H610 I7-12400.250, 16GB RAM, 500GB HDD, ACER MONITOR 21.5 INCH	24 Hours	Mr.P. Hari Prasad	Lab Technician	MCA
3.	CSE III Lab	60	HP PRO TOWER 280 G9, Intel core i5-12500, 8GB DDR4 RAM, 256GB SSD HDD, 1TB SATA HDD	24 Hours	Mr.P.Vijayakumar	Lab Technician	BCA
4.	PG & Research Lab	30	Dell OptiPlex 5080MT, Intel core i5 10 th Processor, 256 GB SSD 1TB, 8GB DDR4 RAM	24 Hours	Mr.P. Hari Prasad	Lab Technician	MCA

D2: Safety Measures in Laboratories

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

S.N.	Name of the Laboratory	Safety measures	
1.	CSE 1 LABORATORY CSE 2 LABORATORY CSE 3 LABORATORY PG & Research Lab Project Lab Capgemini – Centre of Excellence in Big Data Analytics Lab	Basic Safety Measure	CCTV Surveillance : Continuous monitoring through CCTV Cameras to ensure safety and security First Aid Kit: A well-equipped first aid kit is available in the lab for immediate medical assistance. Emergency Exits: Clearly marked emergency exit signs are placed for quick evacuation in case of emergencies

		Cyber Security and Network Security	<p>Firewall: EN6200 OCTA 910 Next Gen Firewall (2000 Users): protects network from unwanted traffic based on security rules.</p> <p>Antimalware: Windows Defender - detects and removes viruses, spyware, and malicious software</p>
		Electrical Safety	<p>Miniature Circuit Breaker (MCB): Electrical safety device that protects circuits from overloads and short circuits. It automatically disconnects the power supply when current exceeds safe limits, thereby preventing fire hazards, equipment damage, and electrical shocks.</p> <p>Regular inspection of power outlets, surge protectors, and UPS systems to prevent electrical hazards.</p>

D3: Project Laboratory/Research Laboratory

Table No. D3.1: List of project laboratory/research laboratory /Centre of Excellence

S.N.	Name of the Laboratory
1.	<p>Research & Development (R&D) Laboratories</p> <p>Objective: Support faculty and student research in cutting-edge technologies.</p> <p>IoT & Smart Systems Lab</p> <p>Research Areas: Smart cities, industrial IoT, home automation</p> <p>Equipment: Microcontrollers (Arduino, Raspberry Pi), IoT sensors, cloud integration platforms</p> <p>Industry Collaboration: Smart technology applications with in partnership with CII - Young Indian</p> <p>Artificial Intelligence & Machine Learning (AI/ML) Lab</p> <p>Research Areas: Deep learning, NLP, AI-driven automation</p> <p>Equipment: High-performance GPUs, cloud computing access, AI frameworks (TensorFlow, PyTorch)</p> <p>Industry Collaboration: AI-driven projects with ICTACT</p>
2.	<p>Capgemini CoE for Women's Innovation & Empowerment</p> <p>Big Data Analytics</p> <p>Research Areas: Data Science, Cloud Computing</p> <p>Equipment: Hadoop Clusters, Cloud platforms (AWS, Azure, GCP)</p> <p>Industry Use Case: Data-driven decision-making, AI-driven analytics</p> <p>Industry Collaboration: Dashboard Creation projects Collaboration with with Capgemini</p>
3.	<p>AICTE IDEA Lab</p> <p>The IDEA (Idea Development, Evaluation & Application) lab funded by AICTE has established with an aim of empowering students and faculty with practical skills in various emerging technologies and promotes a culture of interdisciplinary research.</p> <p>Key focus areas of the Pre-Incubation Foundation:</p> <p>Enable students and faculty to design, prototype, and develop innovative products and solutions.</p> <p>Provide infrastructure for collaborative projects involving multiple branches of</p>

	<p>engineering. Promotion of self-learning and entrepreneurship mindset.</p>
4.	<p>Hindusthan Innovation and Incubation Foundation - StartupTN Pre Incubation Centre</p> <p>Hindusthan Innovation and Incubation Foundation", a pre-incubation center sponsored by StartupTN, an initiative of Government of Tamil Nadu at Hindusthan Institute of Technology can serve as a foundation for nurturing early-stage startups by providing mentorship, resources, and industry connections.</p> <p>Key Focus Areas of the Pre-Incubation Centre</p> <p>Startup Ideation & Validation – Helping students and entrepreneurs refine their business ideas.</p> <p>Entrepreneurship Training – Workshops, bootcamps, and mentorship programs.</p> <p>Prototyping & Product Development – Access to makerspaces, 3D printing, and development labs.</p> <p>Industry Collaboration – Connecting startups with Capgemini and other industry partners.</p>

PART E: First Year faculty and financial Resources

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))/RF4
CAY 2024-2025	660	33	32	11	$((32*0.8)+(11*0.2))/33 =84$
CAYm1 2023-2024	600	30	34	11	$((34*0.8)+(11*0.2))/30=98$
CAYm2 2022-2023	600	30	37	10	$((37*0.8)+(10*0.2))/30=100$

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 CFY till (Feb 2025) (Lacs)	Actual expenses in CFY till (Feb 2025) (Lacs)	Budgeted in CFYm1 (23-24) (Lacs)	Actual Expenses in CFYm1 (23-24) (Lacs)	Budgeted in CFYm2 (22-23) (Lacs)	Actual Expenses in CFYm2 (22-23) (Lacs)	Budgeted in CFYm3 (21-22) (Lacs)	Actual Expenses in CFYm3 (21-22) (Lacs)
Infrastructure Built-Up	169.23	161.17	156.70	149.23	37.20	35.38	27.10	25.84
Library	7.75	7.6776	7.39	7.10	16.41	15.77	7.73	7.43
Laboratory equipment	12.77	11.94	11.61	11.05	10.84	10.31	10.76	10.25
Teaching and non-teaching staff salary	797.64	683.20	693.6	642.17	660.50	611.54	483.20	447.40
Outreach Programs	7.99	7.26	7.40	6.72	30.56	27.77	66.50	60.45
R&D	53.46	48.63	48.60	45.03	71.70	66.378	46.70	43.22
Training, Placement and Industry linkage	0.47	0.45	0.43	0.41	4.81	4.58	7.90	7.56
SDGs	130.26	124.06	120.62	114.87	89.28	85.03	43.14	41.08
Entrepreneurship	23.24	22.07	21.13	20.12	5.22	4.97	4.64	4.41
Others*	190.39	189.25	181.33	176.04	53.49	51.92	43.58	42.30
Total amount (Lacs)	1393.23	1255.75	1248.81	1172.79	980.01	913.70	741.25	689.98

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 CFY till (Feb 2025) (Lacs)	Actual expenses in CFY till (Feb 2025) (Lacs)	Budgeted in CFYm1 (23-24) (Lacs)	Actual Expenses in CFYm1 (23-24) (Lacs)	Budgeted in CFYm2 (22-23) (Lacs)	Actual Expenses in CFYm2 (22-23) (Lacs)	Budgeted in CFYm3 (21-22) (Lacs)	Actual Expenses in CFYm3 (21-22) (Lacs)
Laboratory equipment	60.00	57.20	50.00	45.60	9.50	9.47	7.00	7.81
Software	3.00	2.50	3.00	2.50	2.50	2.50	2.50	2.50
SDGs	0.50	0.42	0.30	0.30	0.50	0.41	0.15	0.12
Support for faculty development	6.50	5.70	6.00	5.50	5.80	5.75	3.50	2.25
R & D	1.20	0.98	0.75	0.70	0.30	0.12	0.25	0.23
Industrial Training, Industry expert, Internship	0.75	0.66	0.60	0.55	1.00	0.93	0.25	0.19
Miscellaneous expenses *	0.63	0.58	0.50	0.45	0.40	0.30	0.10	0.10
Total amount (Lacs)	72.58	68.04	61.15	55.6	20.00	19.49	13.75	13.20