

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 : 2
Application No : 11557	Date of Submission : 07-02-2026

PART A- Profile of the Institute

A1. Name of the Institute: IES COLLEGE OF ENGINEERING	
Year of Establishment : 2003	Location of the Institute: Poovathur Parappoor Road Thrissur District Chittilappilly Kerala 680551
A2. Institute Address: IES COLLEGE OF ENGINEERING P.O. CHITTILAPPILLY THRISSUR 680551	
City: Trichur	State: Kerala
Pin Code: 680551	Website: iesce.info
Email: mail@iesce.info	Phone No(with STD Code): 0487-2309966
A3. Name and Address of the Affiliating University (if any):	
Name of the University : APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY	City: Trichur
State : Kerala	Pin Code: 695016
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 7
- No. of PG programs: 3

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Civil Engineering	2003	--	Civil Engineering
2	Engineering & Technology	UG	Computer Science and Engineering	2003	--	Computer Science and Engineering
3	Engineering & Technology	PG	Computer Science and Engineering	2016	2025	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2023	--	Computer Science and Engineering (Data Science)
5	Engineering & Technology	UG	Electrical & Electronics Engineering	2007	--	Electrical and Electronics Engineering
6	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2003	--	Electronics and Communication Engineering
7	Engineering & Technology	PG	Geotechnical Engineering	2010	2025	Civil Engineering
8	Engineering & Technology	UG	Mechanical Engineering	2007	--	Mechanical Engineering
9	Engineering & Technology	UG	Robotics and Artificial Intelligence	2023	--	Robotics and Artificial Intelligence
10	Engineering & Technology	PG	VLSI Design	2015	2025	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.

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 (Data Science)	Computer Science and Engineering (Data Science)	UG

PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPE AUTHORITY A DETAILS
1	Computer Science and Engineering	UG	2003 / --	60	No	NA	60	2003	F.No. South-We 44641457333/2

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
1	Computer Science and Engineering (Data Science)	Computer Science and Engineering (Data Science)	UG	2023 / --	60	No	NA	60	2023

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

A. Name of the HoD :	Ms.REMYA P C
B. Nature of appointment:	Regular
C. Qualification:	M.Tech

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)	60	60	60	60	60	60	60
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	60	60	54	60	56	60	55
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	0	0	0	0	0
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	3	0	0	3	0	3	0

Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	63	60	54	63	56	63	55
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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)	60	60	3	105.00
2024-25 (CAYm1)	60	60	0	100.00
2023-24 (CAYm2)	60	54	0	90.00

Average $[(ER1 + ER2 + ER3) / 3] = 98.33 \approx 20.00$

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).	55.00	58.00	46.00
B=No. of students who graduated from the program in the stipulated course duration	19.00	24.00	27.00
Success Rate (SR)= (B/A) * 100	34.55	41.38	58.70

Average SR of three batches $((SR_1 + SR_2 + SR_3)/3)$: 44.88

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)	7.33	7.18	7.56
Y=Total no. of successful students	27.00	25.00	40.00
Z=Total no. of students appeared in the examination	60.00	54.00	60.00
API $[X*(Y/Z)]$	3.30	3.32	5.04

Average API $[(AP1+AP2+AP3)/3]$: 3.89

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)	7.39	7.17	6.77
Y=Total no. of successful students	19.00	37.00	21.00
Z=Total no. of students appeared in the examination	25.00	40.00	23.00
API $[X * (Y/Z)]$	5.62	6.63	6.18

Average API $[(AP1 + AP2 + AP3)/3]$: 6.14

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)	7.29	6.98	7.04
Y=Total no. of successful students	32.00	19.00	24.00
Z=Total no. of students appeared in the examination	37.00	21.00	37.00
API $[X*(Y/Z)]$:	6.30	6.32	4.57

Average API $[(AP1 + AP2 + AP3)/3]$: 5.73

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	60.00	60.00	60.00

X=No. of students placed	55.00	55.00	44.00
Y=No. of students admitted to higher studies	1.00	1.00	0.00
Z= No. of students taking up entrepreneurship	2.00	2.00	2.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	96.67	96.67	76.67

Average Placement Index = $(P_1 + P_2 + P_3)/3$: 90.00 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 Associ (Regul; Contra Ad hoc
1	Dr. S BRILLY SANGEETHA	XXXXXXXX19L	M.E. and Ph.D.	SUNRISE UNIVERSITY	Computer Science and Engineering	12/02/2015	10.11	Associate Professor	Professor	16/02/2021	Regula
2	Dr. A N NANDHAKUMAR	XXXXXXXX48K	M.Tech and Ph.D.	Berhanpur University	Computer Science and Engineering	19/01/2015	11	Professor	Professor		Regula
3	Dr.CARMEL PRABHA	XXXXXXXX54R	M.E. and Ph.D.	Vels Institute of Science Technology and advance Studies	Cloud Computing	01/06/2023	2.1	Professor	Professor	01/06/2023	Regula
4	Dr. G KIRUTHIKA	XXXXXXXX59P	M.E. and Ph.D.	Anna University	Wireless Sensor Network	15/11/2018	5.7	Associate Professor	Associate Professor		Regula
5	Dr.C N RAVI	XXXXXXXX70J	M.Tech and Ph.D.	MAHARISHI UNIVERSITY OF INFORMATION TECHNOLOGY	Computer Science and Engineering	01/09/2022	3.5	Associate Professor	Associate Professor		Regula
6	DR.CHARUPALLI SUNIL KUMAR	XXXXXXXX77C	M.Tech and Ph.D.	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD	Computer Science and Engineering	01/06/2023	2.8	Associate Professor	Associate Professor		Regula
7	Ms.REMYA P C	XXXXXXXX04P	M.Tech	Cochin University of Science and Technology	Software Engineering	11/03/2024	1.10	Associate Professor	Associate Professor		Regula
8	Ms.SHEMITHA P A	XXXXXXXX02Q	M.E.	Anna University	Computer Science and Engineering	04/09/2007	16.10	Lecturer	Assistant Professor		Regula
9	Ms.HRUDYA K P	XXXXXXXX73N	M.Tech	GOUTAM BUDDH TECHNICAL UNIVERSITY	Software Engineering	01/07/2011	13	Lecturer	Assistant Professor		Regula
10	Ms.SHEJINA N.M.	XXXXXXXX36F	M.Tech	Calicut university	Computer Science and Engineering	12/08/2013	12.5	Lecturer	Assistant Professor		Regula
11	Ms.NEETHU PRABHAKARAN P	XXXXXXXX90E	M.E.	Anna University	Computer Science and Engineering	01/08/2015	10.6	Assistant Professor	Assistant Professor		Regula
12	Ms.REENY ZACKARIAS	XXXXXXXX48M	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Computer Science and Engineering	02/03/2022	2.6	Assistant Professor	Assistant Professor		Regula
13	Ms.DINI DAVIS	XXXXXXXX11F	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Computer Science and Engineering	02/03/2022	3.8	Assistant Professor	Assistant Professor		Regula
14	Ms.LINNY SUNNY	XXXXXXXX82E	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Computer Science and Engineering	22/08/2022	2.10	Assistant Professor	Assistant Professor		Regula

15	Ms.ATHIRA BOSE	XXXXXXXX72J	M.Tech	Calicut university	Computer Science and Engineering	02/05/2023	2.9	Assistant Professor	Assistant Professor		Regular
16	Ms.ANASWARA DINESH	XXXXXXXX17C	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Computer Science and Engineering	01/06/2023	2.8	Assistant Professor	Assistant Professor		Regular
17	MS.AYSHA	XXXXXXXX00E	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Computer Science and Engineering	16/10/2024	1.3	Assistant Professor	Assistant Professor		Regular
18	MS.ATHIRA A K	XXXXXXXX69P	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Computer Science and Engineering	23/09/2024	0.7	Assistant Professor	Assistant Professor		Regular
19	Ms.MEETHU M B	XXXXXXXX37Q	M.Tech	Calicut university	Computer Science and Engineering	24/06/2024	1.7	Assistant Professor	Assistant Professor		Regular
20	Ms.AASHA V C	XXXXXXXX05Q	M.Tech	Calicut university	Computer Science and Engineering	24/06/2024	1.7	Assistant Professor	Assistant Professor		Regular
21	Ms.ATHIRA E P	XXXXXXXX33H	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Signal Processing	16/12/2024	1.1	Assistant Professor	Assistant Professor		Regular
22	Ms.AKHILA V A	XXXXXXXX37J	M.Tech	Calicut university	Computer Science and Engineering	04/06/2025	0.8	Assistant Professor	Assistant Professor		Regular

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
1	DR. JOHN PETER	XXXXXXXX72Q	NA	M.Tech and Ph.D.	Manonmaniyam Sundarar	Computer Science and Engineering	01/06/2016	9.8	Associate Professor	Professor	01/07/2023
2	Ms.SANTHI P	XXXXXXXX86F	NA	M.E.	Anna University	Computer Science and Engineering	01/05/2020	5.9	Assistant Professor	Assistant Professor	
3	Ms.MINU MOHAN	XXXXXXXX67N	NA	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	COMPUTATIONAL LINGUSTICS	15/01/2024	2	Assistant Professor	Assistant Professor	
4	Ms.PRIYA P P	XXXXXXXX41A	NA	M.Tech	Anna University	Computer Science and Engineering	10/06/2024	1.7	Assistant Professor	Assistant Professor	
5	Ms.AKHILA ARJUNAN T	XXXXXXXX26L	NA	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Computer Science and Engineering	19/05/2025	0.8	Assistant Professor	Assistant Professor	
6	Ms.KULANGARA SILPA PRABHU	XXXXXXXX04C	NA	M.Tech	KARUNYA UNIVERSITY	Computer and communication Engineering	26/05/2025	0.8	Assistant Professor	Assistant Professor	
7	Ms.JIJI A P	XXXXXXXX70L	NA	M.Tech	A.P.J. Abdul Kalam Technological University (KTU)	Computer Science and Engineering	01/11/2025	0.3	Assistant Professor	Assistant Professor	

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	60	60	60
UG1.C	60	60	60
UG1.D	60	60	60
UG1: Computer Science and Engineering	180	180	180
UG2.B	60	60	0
UG2.C	60	0	0
UG2.D	0	0	0
UG2: Computer Science and Engineering (Data Science)	120	60	0
PG1.A	0	18	18
PG1.B	18	18	18
PG1: Computer Science and Engineering	18	36	36
DS=Total no. of students in all UG and PG programs in the Department	198	216	216
AS=Total no. of students of all UG and PG programs in allied departments	120	60	0
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 318	S2= 276	S3= 216
DF=Total no. of faculty members in the Department	14	14	15
AF= Total no. of faculty members in the allied Departments	6	4	2
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 20	F2= 18	F3= 17
FF=The faculty members in F who have a 100% teaching load in the first-year courses	5	4	3
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 21.20	SFR2= 19.71	SFR3= 15.43
Average SFR for 3 years	SFR= 18.78		

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)	5	15	15.00	18.33
2024-25(CAYm1)	6	12	13.00	20.77
2023-24(CAYm2)	7	10	10.00	27.50

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	1.00	3.00	3.00	2.00	10.00	15.00
2024-25	1.00	4.00	3.00	2.00	9.00	12.00
2023-24	1.00	4.00	2.00	3.00	7.00	10.00
Average	RF1=1.00	AF1=3.67	RF2=2.67	AF2=2.33	RF2=8.67	AF2=12.33

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.Mithun P B	Associate Consultant	TCS, Infopark, Kochi	Expert System	56.00
2	Dr. Deepa A.J	Specialist Learning	Infosys, Trivandrum	Reinforcement Learning	58.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Ms. Divya Das	Project Engineer	CDAC STDC, Trivandrum	Foundations of Cryptography	59.00
2	Dr. Deepa A.J	Specialist Learning	Infosys, Trivandrum	Reinforcement Learning	55.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr.N Yuvraj	Deputy Manager	ICT Academy, Chennai	Machine Learning	56.00
2	Mr.Jayaram P	Joined Director	CDAC Trivandrum	Cybersecurity and Forensics	57.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	16	14	10
2	No. of peer reviewed conference papers published	25	22	20
3	No. of books/book chapters published	2	2	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
Shejina N M		CERD	IOT based Manhole Detection and AI travel planner.	KTU	1 Year	13200.00
Dr John Chembukkavu	Dr S Brilly Sangeetha	MSME	FillBot Smart Technology for Pothole Repair	MSME	1 Year	1500000.00
						Amount received (Rs.):1513200.00

(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 S Brilly Sangeetha		MSME	Energy Production OPTimization by Blockchain Based Positioning of Solar Panels	MSME	1 Year	1500000.00
						Amount received (Rs.):1500000.00

(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
NII	Nil	Nil	Nil	Nil	Nil	0.00
						Amount received (Rs.):0.00

Total Amount (Lacs) Received for the Past 3 Years: 3013200.00

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
Ms.Athira Bose	Ms.Aysha	Department of IT and digital Support	Smart Home Automation	Door of Dream Architects	6 months	190000.00
Ms.Remya P C	Ms. Anaswara Dinesh	IT Infrastructure Team	CELESTORE	Oil World Contracting Company	5 months	250000.00
						Amount received (Rs.):440000.00

(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
Ms.Shejina N M	Ms.Anaswara Dinesh	Department of Health, Safety & Environment (HSE)	Accident Detection through CCTV Surveillance	Jubail Medicare co.	6 months	235000.00
Ms.Neethu Prabhakaran	Ms.Dini Davis	IT and System Administration	AI Powered Automatic Checkout Machine	Sulthan Muhammad Bin Jalamid Al-Dosari Trading EST Jubail	5 month	250000.00
						Amount received (Rs.):485000.00

(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
Ms Santhi P		Research & Development (R&D) Department	Plant Disease detection using double GAN Technique	FabStudioz IT Research and Development	4 months	145000.00
Ms.Neethu Prabhakaran	Ms.Athira Bose	Quality Control / Production Department	AI powered android application for fruit and vegetable quality detection	Boxmaster Packaging Solutions LLP	5 months	215000.00
Ms.Shejina N M	Ms.Linny Sunny	Department of Health, Safety & Environment (HSE)	Wearable Mental Health Sensor	Jubail Medicare co.	6 months	225000.00
						Amount received (Rs.):585000.00

Total amount (Lacs) received for the past 3 years: 1510000.00

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
Ms Remya P C	AI-Based Food Safety System for Quality Assurance	1 Year	50000.00	50000.00	The Project resulted in two peer-reviewed journal papers and two books published.
Ms Aasha V C	EduShare: Centralized Academic Resource Platform (IES Educational City)	5 months	120000.00	120000.00	System enabled students to access study materials and question papers from a single platform.
Ms Aysha	Smart Transport Management and Monitoring System (IES Public School)	4 months	155000.00	155000.00	Enabled real-time bus tracking and student monitoring to enhance safety and timely updates.
Ms Aasha V C	Interactive Web-Based Programming Learning Platform (Online coding learning website for IESCE)	4 months	80000.00	80000.00	Enabled structured online programming learning and practice for skill development.
Ms Neethu Prabhakaran	Digital Restaurant Menu Management System (IES Education City Canteen)	6 months	50000.00	50000.00	Platform enabled digital viewing of canteen menu, reducing crowding and improving service efficiency.
Ms Anaswara Dinesh	CareerBridge: One-Stop Placement System (IES College of Arts & Science)	4 months	100000.00	100000.00	Centralized placement platform improving student recruitment opportunities.
			Amount received (Rs.): 555000.00		

(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
Ms Santhi P	AI based Advertisement Analytics - Internal Research Grant	1 year	50000.00	50000.00	Publication of peer-reviewed journal papers contributing to the dissemination of research and academic knowledge.
			Amount received (Rs.): 50000.00		

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

Total amount (Lacs) received for the past 3 years : 605000.00

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	Network Programming Laboratory	60	1) Computer 2) LCD Projector 3) Router 4) Modem	20hr/week	Ms. Jasheela	Laboratory In	Master of Coi
2	Programming Laboratory	60	1) Computer 2) LCD Projector	24hr/week	Ms. Prenitha	Laboratory In	B.Tech in Cor
3	Project Presentation Laboratory	30	1) Computer 2) LCD Projector 3) CRO 4)Microprocessor	22hr/week	Ms. Farshida	Laboratory In	B.Tech in Cor
4	Compiler Design Laboratory	30	1) Computer 2) LCD Projector	22 hr/week	Mr. Jithin Raj	Laboratory In	B.Tech in Cor

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Network programming laboratory	<p>The laboratory is equipped with a fire extinguisher for emergency fire handling and an automatic cut-off MCB system to prevent electrical overloads and short circuits. Uninterrupted Power Supply (UPS) support is provided to ensure continuous operation of systems during power fluctuations or outages. Regular data backup mechanisms are maintained to safeguard important academic and research data. CCTV cameras are installed for continuous monitoring and security. A first aid box is readily available to handle minor medical emergencies. Firewall protection is enabled to ensure cybersecurity and prevent unauthorized access. Proper electrical earthing is maintained to avoid electrical hazards, and 24-hour power supply is ensured for uninterrupted laboratory functioning. Do's and Don'ts and Safety measures rules are displayed in each laboratory. Do's 1. Know the location of the fire extinguisher and the first aid box and how to use them in case of an emergency. 2. Report fires or accidents to faculty in-charge / lab instructor immediately. 3. Report any broken plugs or exposed electrical wires to faculty in-charge / lab instructor immediately. Don'ts 1. Do not eat or drink in the laboratory. 2. Avoid stepping on electrical wires or any other computer cables. 3. Do not open the system unit casing or monitor casing particularly when the power is turned on. 4. Do not insert metal objects such as clips, pins and needles into the computer casings. 5. Do not touch, connect or disconnect any plug or cable without faculty in-charge / laboratory instructor's permission. 6. Do not plug in external devices without scanning them for computer viruses.</p>
2	Programming laboratory	<p>The laboratory is equipped with a fire extinguisher for emergency fire handling and an automatic cut-off MCB system to prevent electrical overloads and short circuits. Uninterrupted Power Supply (UPS) support is provided to ensure continuous operation of systems during power fluctuations or outages. Regular data backup mechanisms are maintained to safeguard important academic and research data. CCTV cameras are installed for continuous monitoring and security. A first aid box is readily available to handle minor medical emergencies. Firewall protection is enabled to ensure cybersecurity and prevent unauthorized access. Proper electrical earthing is maintained to avoid electrical hazards, and 24-hour power supply is ensured for uninterrupted laboratory functioning. Do's and Don'ts and Safety measures rules are displayed in each laboratory. Do's 1. Know the location of the fire extinguisher and the first aid box and how to use them in case of an emergency. 2. Report fires or accidents to faculty in-charge / lab instructor immediately. 3. Report any broken plugs or exposed electrical wires to faculty in-charge / lab instructor immediately. Don'ts 1. Do not eat or drink in the laboratory. 2. Avoid stepping on electrical wires or any other computer cables. 3. Do not open the system unit casing or monitor casing particularly when the power is turned on. 4. Do not insert metal objects such as clips, pins and needles into the computer casings. 5. Do not touch, connect or disconnect any plug or cable without faculty in-charge / laboratory instructor's permission. 6. Do not plug in external devices without scanning them for computer viruses.</p>
3	Project Presentation laboratory	<p>The laboratory is equipped with a fire extinguisher for emergency fire handling and an automatic cut-off MCB system to prevent electrical overloads and short circuits. Uninterrupted Power Supply (UPS) support is provided to ensure continuous operation of systems during power fluctuations or outages. Regular data backup mechanisms are maintained to safeguard important academic and research data. CCTV cameras are installed for continuous monitoring and security. A first aid box is readily available to handle minor medical emergencies. Firewall protection is enabled to ensure cybersecurity and prevent unauthorized access. Proper electrical earthing is maintained to avoid electrical hazards, and 24-hour power supply is ensured for uninterrupted laboratory functioning. Do's and Don'ts and Safety measures rules are displayed in each laboratory. Do's 1. Know the location of the fire extinguisher and the first aid box and how to use them in case of an emergency. 2. Report fires or accidents to faculty in-charge / lab instructor immediately. 3. Report any broken plugs or exposed electrical wires to faculty in-charge / lab instructor immediately. Don'ts 1. Do not eat or drink in the laboratory. 2. Avoid stepping on electrical wires or any other computer cables. 3. Do not open the system unit casing or monitor casing particularly when the power is turned on. 4. Do not insert metal objects such as clips, pins and needles into the computer casings. 5. Do not touch, connect or disconnect any plug or cable without faculty in-charge / laboratory instructor's permission. 6. Do not plug in external devices without scanning them for computer viruses.</p>

4	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Compiler Design laboratory</div>	<p>The laboratory is equipped with a fire extinguisher for emergency fire handling and an automatic cut-off MCB system to prevent electrical overloads and short circuits. Uninterrupted Power Supply (UPS) support is provided to ensure continuous operation of systems during power fluctuations or outages. Regular data backup mechanisms are maintained to safeguard important academic and research data. CCTV cameras are installed for continuous monitoring and security. A first aid box is readily available to handle minor medical emergencies. Firewall protection is enabled to ensure cybersecurity and prevent unauthorized access. Proper electrical earthing is maintained to avoid electrical hazards, and 24-hour power supply is ensured for uninterrupted laboratory functioning. Do's and Don'ts and Safety measures rules are displayed in each laboratory. Do's 1. Know the location of the fire extinguisher and the first aid box and how to use them in case of an emergency. 2. Report fires or accidents to faculty in-charge / lab instructor immediately. 3. Report any broken plugs or exposed electrical wires to faculty in-charge / lab instructor immediately. Don'ts 1. Do not eat or drink in the laboratory. 2. Avoid stepping on electrical wires or any other computer cables. 3. Do not open the system unit casing or monitor casing particularly when the power is turned on. 4. Do not insert metal objects such as clips, pins and needles into the computer casings. 5. Do not touch, connect or disconnect any plug or cable without faculty in-charge / laboratory instructor's permission. 6. Do not plug in external devices without scanning them for computer viruses.</p>
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D3. Project Laboratory/Research Laboratory

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)	360	18	12	11	66
2024-25(CAYm1)	270	14	12	16	91
2025-26(CAY)	270	14	13	14	94

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	3500000	0	900000	856338	700000	585290	1500000	1346106
Library	300000	0	15000	13263	350000	303215	210000	213100
Laboratory equipment	125000	0	1200000	1187968	1200000	1140804	1600000	1484546
Teaching and non-teaching staff	35000000	0	30000000	29589840	29000000	27858519	29100000	29172202
Outreach Programs	50000	0	30000	27500	30000	27500	55000	36400
R&D	100000	0	50000	46500	400000	365000	120000	112500
Training, Placement and	100000	0	140000	59754	300000	281000	2935000	2819485
SDGs	150000	0	35000	30000	310000	300000	10000	0

Entrepreneurship	35000	0	35000	33924	23000	22101	150000	112500
Others, specify	10900000	0	9720000	9418347	13680000	12930595.87	13150000	13156838
Total	50260000	0	42125000	41263434	45993000	43814024.87	48830000	48453677

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	323000	0	120000	76790	456000	387040	225300	101250
Software	300000	0	100000	77070	0	0	0	0
SDGs	0	0	15000	11230	0	0	0	0
Support for faculty development	600000	0	600000	555000	58500	51230	150000	102340
R & D	122000	0	35020	22300	400000	365400	42000	31630
Industrial Training, Industry expert,	52000	0	35600	31230	52000	51630	122000	598000
Miscellaneous Expenses*	53000	0	125000	115625	24200	22374	520000	85400
Total	1450000	0	1030620	889245	990700	877674	1059300	918620