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: 11565	**Date of Submission**: 04-02-2026

PART A- Profile of the Institute

A1.Name of the Institute: SRM VALLIAMMAI ENGINEERING COLLEGE	
Year of Establishment : 1999	Location of the Institute: SRM Nagar Potheri Kattankulathur
A2. Institute Address:VALLIAMMAI ENGINEERING COLLEGE,SRM NAGAR,KATTANKULATHUR-603203,KANCHEEPURAM D.T. TAMILNADU	
City:Chennai	State:Tamil Nadu
Pin Code:603203	Website:srmvalliammai.ac.in
Email:SRMVEC@VALLIAMMAI.CO.IN	Phone No(with STD Code):044-27454784
A3. Name and Address of the Affiliating University (if any):	
Name of the University : NIL	City: Kancheepuram
State : Tamil Nadu	Pin Code: 600025
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: **11**
- No. of PG programs: **9**

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 of Computer Application	2024	--	Computer Application
2	Engineering & Technology	UG	Agricultural Engineering	2019	--	Agricultural Engineering
3	Engineering & Technology	UG	Artificial Intelligence and Data Science	2020	--	Artificial Intelligence and Data Science
4	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
5	Engineering & Technology	PG	Communication Systems	2012	--	Electronics and Communication Engineering
6	Engineering & Technology	PG	Computer Science and Engineering	2012	--	Computer Science and Engineering
7	Engineering & Technology	UG	Computer Science and Engineering	1999	--	Computer Science and Engineering
8	Engineering & Technology	PG	Control & Instrumentation Engineering	2010	--	Electronics and Instrumentation Engineering
9	Engineering & Technology	UG	Cyber Security	2020	--	Cyber Security

10	Engineering & Technology	PG	Data Science	2020	--	Information Technology
11	Engineering & Technology	UG	Electrical & Electronics Engineering	2001	--	Electrical and Electronics Engineering
12	Engineering & Technology	UG	Electronics & Communication Engineering	1999	--	Electronics and Communication Engineering
13	Engineering & Technology	UG	Electronics & Instrumentation Engineering	2002	--	Electronics and Instrumentation Engineering
14	Engineering & Technology	PG	Industrial Safety Engineering	2019	--	Mechanical Engineering
15	Engineering & Technology	UG	Information Technology	1999	--	Information Technology
16	Engineering & Technology	UG	Mechanical Engineering	2008	--	Mechanical Engineering
17	Engineering & Technology	UG	Medical Electronics	2019	--	Medical Electronics
18	Engineering & Technology	PG	Power Systems Engineering	2010	--	Electrical and Electronics Engineering
19	Engineering & Technology	PG	Structural Engineering	2013	--	Civil Engineering
20	Management	PG	Masters of Business Administration	2005	--	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	No	Computer Science and Engineering	UG
Electronics and Communication Engineering	Yes	Electronics & Communication Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	UG

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.
Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

No Record

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	1999 / --	60	Yes	2019	180	2019	F.No.Southern/1-4267392390/2019/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	5	4

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

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr. B. Vanathi
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)	180	180	180	180	180	180	180
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	152	174	168	179	164	132	140
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	12	17	12	26	16	2
N3=Separate division if any	0	1	0	0	1	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	152	187	185	191	191	148	142

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)	180	152	0	84.44
2024-25 (CAYm1)	180	174	0	96.67
2023-24 (CAYm2)	180	168	0	93.33

Average [(ER1 + ER2 + ER3) / 3] = 91.48≡ 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).	206.00	196.00	182.00
B=No. of students who graduated from the program in the stipulated course duration	155.00	136.00	134.00
Success Rate (SR)= (B/A) * 100	75.24	69.39	73.63

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 72.75

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)	8.26	8.34	8.31
Y=Total no. of successful students	148.00	145.00	132.00
Z=Total no. of students appeared in the examination	174.00	168.00	179.00
API [X*(Y/Z)]	7.03	7.20	6.13

Average API[(AP1+AP2+AP3)/3] : 6.79

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	8.03	9.25	7.82
Y=Total no. of successful students	143.00	144.00	155.00
Z=Total no. of students appeared in the examination	179.00	157.00	181.00
API [X * (Y/Z)]	6.42	8.48	6.70

Average API [(AP1 + AP2 + AP3)/3] : 7.20

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	8.26	9.93	8.34
Y=Total no. of successful students	124.00	155.00	136.00
Z=Total no. of students appeared in the examination	144.00	155.00	136.00
API [X*(Y/Z)]:	7.11	9.93	8.34

Average API [(AP1 + AP2 + AP3)/3] : 8.46

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	206.00	196.00	182.00

X=No. of students placed	76.00	77.00	93.00
Y=No. of students admitted to higher studies	22.00	17.00	10.00
Z= No. of students taking up entrepreneurship	1.00	0.00	1.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	48.06	47.96	57.14

Average Placement Index = (P_1 + P_2 + P_3)/3: 51.05 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. B. Vanathi	XXXXXXX43J	Ph.D	Anna University	COMPUTER SCIENCE	01/11/2007	18.3	Assistant Professor	Professor	26/12/2013	Regular	Yes		Yes
2	Dr.V.Dhanakoti	XXXXXXX88P	Ph.D	Anna University	COMPUTER SCIENCE	16/06/2014	11.7	Associate Professor	Professor	01/08/2022	Regular	Yes		No
3	Dr.A.Samydurai	XXXXXXX24D	Ph.D	Anna University	COMPUTER SCIENCE	31/12/2014	11.1	Associate Professor	Professor	01/08/2022	Regular	Yes		No
4	Dr.Senthil Kumar	XXXXXXX04Q	Ph.D	Anna University	COMPUTER SCIENCE	05/06/2013	12.6	Assistant Professor	Professor	01/08/2022	Regular	No	04/12/2025	No
5	Dr.B.Muthu Senthil	XXXXXXX89Q	Ph.D	Anna University	COMPUTER SCIENCE	08/07/2013	12.6	Assistant Professor	Professor	01/08/2022	Regular	Yes		No
6	Dr. M. Mayuranathan	XXXXXXX66B	Ph.D	Anna University	COMPUTER SCIENCE	13/05/2005	20.8	Lecturer	Associate Professor	17/04/2024	Regular	Yes		No
7	Dr. G. Kumaresan	XXXXXXX90R	Ph.D	AISECT University	COMPUTER SCIENCE	17/06/2005	20.7	Lecturer	Associate Professor	26/04/2024	Regular	Yes		No
8	Dr. C. Pabitha	XXXXXXX85P	Ph.D	Anna University	COMPUTER SCIENCE	27/12/2010	15.1	Lecturer	Associate Professor	26/04/2024	Regular	Yes		No
9	Dr.G.Sangeetha	XXXXXXX74C	Ph.D	Anna University	COMPUTER SCIENCE	21/06/2006	19.7	Lecturer	Assistant Professor		Regular	Yes		No
10	Ms. A. Lalitha	XXXXXXX91E	M.E.	Anna University	Embedded System Technology	02/06/2006	19.8	Lecturer	Assistant Professor		Regular	Yes		No
11	Ms. S. Shanthi	XXXXXXX11M	M.E.	Anna University	COMPUTER SCIENCE	01/11/2007	18.3	Lecturer	Assistant Professor		Regular	Yes		No

12	Ms. S. Suma	XXXXXXX54D	MS	VTU University	Computer Networks	16/05/2011	14.8	Lecturer	Assistant Professor		Regular	Yes		No
13	Mr.N. Leo Bright Tennisson	XXXXXXX91M	M.Tech	Anna University	COMPUTER SCIENCE	10/11/2005	20.2	Lecturer	Assistant Professor		Regular	Yes		No
14	Dr. S. Venkatesh	XXXXXXX29P	Ph.D	Anna University	COMPUTER SCIENCE	30/12/2010	15.1	Lecturer	Assistant Professor		Regular	Yes		No
15	Dr. A. Vidhya	XXXXXXX65R	Ph.D	Anna University	COMPUTER SCIENCE	07/06/2006	19.7	Lecturer	Assistant Professor		Regular	Yes		No
16	Ms. V. Prema	XXXXXXX71M	M.E.	Anna University	COMPUTER SCIENCE	05/03/2010	15.11	Lecturer	Assistant Professor		Regular	Yes		No
17	Mr. T. Rajasekaran	XXXXXXX65N	M.Tech	SRM University	COMPUTER SCIENCE	02/09/2013	12.5	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Ms.S.Anslam Sibi	XXXXXXX86P	M.E.	Anna University	COMPUTER SCIENCE	24/07/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ms. R. Anitha	XXXXXXX46L	M.E.	Anna University	COMPUTER SCIENCE	19/06/2013	12.7	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms. M. Priyadharshini	XXXXXXX09H	M.E.	Hindustan University	COMPUTER SCIENCE	07/06/2012	13.7	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Ms. G. Sathya	XXXXXXX88E	M.Tech	Sathyabama University	Information Technology	21/10/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Ms.V.Vijaypriya	XXXXXXX39L	M.E. and Ph.D.	Anna University	COMPUTER SCIENCE	02/01/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Ms.M.Sophiya Sugantha Grace	XXXXXXX68R	M.Tech	Kalasalingam Academy of Research & Education	COMPUTER SCIENCE	26/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Ms.R.Anbuvizhi	XXXXXXX85A	M.E.	Anna University	COMPUTER SCIENCE	02/08/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Ms.M.Mohanapriya	XXXXXXX22K	M.E.	Anna University	COMPUTER SCIENCE	20/03/2024	1.10	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Ms.R.Gayathri	XXXXXXX37G	M.E.	Annamalai University	Computer Science	01/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Ms.S.Balaswathy	XXXXXXX79R	M.E.	Anna University	Computer Science	05/12/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Dr.S.Parthasarathy	XXXXXXX02B	Ph.D	Bharathiyar University	COMPUTER SCIENCE	18/09/2002	23.4	Lecturer	Professor	26/04/2024	Regular	Yes		No
29	Dr.V.Santhana Marichamy	XXXXXXX93K	Ph.D	Anna University	Computer Science	02/07/2003	22.7	Lecturer	Associate Professor	26/04/2024	Regular	Yes		No
30	Ms.B.Christina Sweetline	XXXXXXX44A	M.E.	Anna University	Systems Engineering and Operations Research	06/01/2023	2.5	Assistant Professor	Assistant Professor		Regular	No	04/07/2025	No

31	Dr. K. Shanmugam	XXXXXXX41A	Ph.D	Anna University	COMPUTER SCIENCE	16/06/2014	10.10	Assistant Professor	Assistant Professor		Regular	No	06/05/2025	No
32	Dr.K.Devi	XXXXXXX37F	Ph.D	Anna University	COMPUTER SCIENCE	02/08/2010	13.10	Lecturer	Associate Professor	17/04/2024	Regular	No	31/05/2024	No
33	Dr.S.Benila	XXXXXXX20P	Ph.D	Anna University	COMPUTER SCIENCE	08/07/2009	14.9	Lecturer	Assistant Professor		Regular	No	02/05/2024	No

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

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	194	197	192
UG1.C	197	192	198
UG1.D	192	198	196
UG1: Computer Science and Engineering	**583**	**587**	**586**
PG1.A	12	12	12
PG1.B	12	12	12
PG1: Computer Science and Engineering	**24**	**24**	**24**
DS=Total no. of students in all UG and PG programs in the Department	607	611	610
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 607	**S2=** 611	**S3=** 610
DF=Total no. of faculty members in the Department	28	30	29
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 28	**F2=** 30	**F3=** 29

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
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= 21.68**	**SFR2= 20.37**	**SFR3= 21.03**
Average SFR for 3 years	**SFR= 21.03**		

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)	13	15	30.00	15.83
2024-25(CAYm1)	14	16	30.00	17.00
2023-24(CAYm2)	15	14	30.00	17.17

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	3.00	5.00	6.00	4.00	20.00	19.00
2024-25	3.00	6.00	6.00	4.00	20.00	20.00
2023-24	3.00	5.00	6.00	1.00	20.00	23.00
Average	RF1=3.00	AF1=5.33	RF2=6.00	AF2=3.00	RF2=20.00	AF2=20.67

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

(CAYm2)

(CAYm3)

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	33	50	49
2	No. of peer reviewed conference papers published	41	5	11
3	No. of books/book chapters published	10	4	4

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

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

Note*:

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

C8. Consultancy Work

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr.B.Vanathi	Dr.A.Samydurai	CSE	Online Exam	TCS, APTECH.. Etc	1 Year	369256.00
Dr.B.Vanathi	Dr.A.Samydurai	CSE	Online Exam	BITS Pilani	1 Year	805170.00
						Amount received (Rs.):1174426.00

(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.B.Vanathi	Dr.A.Samydurai	CSE	Online Exam	TCS	1 Year	237806.00
						Amount received (Rs.):237806.00

(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.B.Vanathi	Dr.A.Samydurai	CSE	Online Exam	TCS	1 Year	302729.00
Dr.B.Vanathi	Dr.A.Samydurai	CSE	Online Exam	TCS	1 Year	36120.00
						Amount received (Rs.):338849.00

Total amount (Lacs) received for the past 3 years: 1751081.00

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.Dhanakoti	HOLOQUEST and FUZZER	1.5 years	3.00	0.42	Software to detect Vulnerabilities
			Amount received (Rs.): 3.00		

(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.M.Senthil Kumar	AI Driven Soil Taxonomy based crop Recommendation System	2 years	3.00	0.76	Soil Classification Crop Recommendation
			Amount received (Rs.): 3.00		

(CAYm3)

Total amount (Lacs) received for the past 3 years : 6.00

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	James Gosling	35	Total computer 35 Nos (a) i7Processor Acer 5 PIV, (b) 30- HP Pro SFF280 G9,i7 (c).10 KVA UPS APC (d).3dot	ODD: 35/40 Hc	Mr. R. Sivanandam	Programmer	MCA, M.Tech.

2	Dennis Ritche	34	Total computer 34 Nos (a) 256 GB.M.2 NVME SSD,1TB HDD Mouse,Keyboard ,Win 11SL Part No:50631233	ODD: 33/40 H	Mr.R.Saranraj	Programmer	BE
3	John Backus	33	Total Computer 33 nos (a)Radeon RX6300 GDDR6 FHPclex X16 Graphicard 256 GB M.2 NVME	ODD: 34/40 H	Ms.S.Subashini	Programmer	MCA
4	Larry Ellison	33	Total Computer 33 nos (a) HP PRO SFF 280G9,I7-12700,DDR4,8GB ,RADEON RX6300 2GB GDDR6 FH	ODD: 30/40 Hc	Ms. S. Jamuna Rani	Lab Assistant	DCT
5	Charles Babbage	35	Total computer 35 nos (a)HP PRO SFF 280G9,i5-12700,DDR4,8GB ,RADEON RX6300 2GB GDDR6 FH	ODD: 32 hours	Ms. S. Valli	Programmer	MCA
6	Ken Thomson	33	Total Computer 33 Nos (a) i7Processor Acer 5 PIV, (b) 30- HP Pro SFF280 G9,i5 (c)10 KvAEnertech UPS,5	ODD: 32 /40 H	Ms.K. Shyamala	Programmer	MCA
7	Donald chamber- PG	20	Total computer 19 Nos. (a)19- ACER i7 P IV , (b) APC-10 KvA UPS. (c)1 Dot matrix Printer (d)IOT kit	ODD: 31/40 Hc	Ms. S. Jamuna Rani	Lab Assistant	DCT

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	James Gosling lab-1	i. DO's and Don't charts are displayed in all the laboratories. ii. First Aid Box available. iii. Fire Sprinkler system and Smoke detectors are available in all laboratory iv. Students must wear leather shoes before entering the lab to avoid electric shock, etc
2	Dennis Ritchie lab-2	i. DO's and Don't charts are displayed in all the laboratories. ii. First Aid Box available. iii. Fire Sprinkler system and Smoke detectors are available in all laboratory iv. Students must wear leather shoes before entering the lab to avoid electric shock, etc
3	John Backus lab-3	i. DO's and Don't charts are displayed in all the laboratories. ii. First Aid Box available. iii. Fire Sprinkler system and Smoke detectors are available in all laboratory iv. Students must wear leather shoes before entering the lab to avoid electric shock, etc
4	Larry Ellison lab-4	i. DO's and Don't charts are displayed in all the laboratories. ii. First Aid Box available. iii. Fire Sprinkler system and Smoke detectors are available in all laboratory iv. Students must wear leather shoes before entering the lab to avoid electric shock, etc
5	Charles Babbage lab-5	i. DO's and Don't charts are displayed in all the laboratories. ii. First Aid Box available. iii. Fire Sprinkler system and Smoke detectors are available in all laboratory iv. Students must wear leather shoes before entering the lab to avoid electric shock, etc iv. Students must wear leather shoes before entering the lab to avoid electric shock, etc
6	Ken Thomson lab-6	i. DO's and Don't charts are displayed in all the laboratories. ii. First Aid Box available. iii. Fire Sprinkler system and Smoke detectors are available in all laboratory iv. Students must wear leather shoes before entering the lab to avoid electric shock, etc

7	Donald chamber-PG	i. DO's and Don't charts are displayed in all the laboratories. ii. First Aid Box available. iii. Fire Sprinkler system and Smoke detectors are available in all laboratory iv. Students must wear leather shoes before entering the lab to avoid electric shock, etc
8	UPS Room	Ventilations, fire extinguisher, emergency exist

D3. Project Laboratory/Research Laboratory

A.Availability of project Laboratories/research laboratories & Utilization

1. In CSE department, an exclusive lab with 20 computers is available for project work to be carried out by students of all semesters.
2. In CSE department, from all labs project work to be carried out by students of all semesters.
3. Project Laboratory enables UG students to obtain hands-on experience and to realize their project ideas as executable projects.
4. Several successful projects have been carried out by students in this lab.
5. Students use this lab to compete in several Hackathons and have won various awards across India.
6. High speed internet facilities are always available to these systems.
7. This lab is equipped with SIX 10KVA UPS, 240 VDC along with batteries which are used as backup to support power failures.
8. Final year project and mini project of all semesters are carried out in this lab.

Project Laboratory

Sl. No	Name of the Laboratories	Facilities	Utilization
1	Donald Chamber Lab	IEEE Paper Access Facilities, High Configuration Computer With Internet Facility, OPNET Simulator, MATLAB, NS3, Oracle 11G,SQL Server, Linux, Web Server, Internet,Rational Suit, Eclipse IDE.	40 hours per week

Project Laboratory	Donald Chamber Lab VII
Utilization	100 %
Location (Room #, Floor & Building Name)	3nd floor New Building
Available Systems	19 systems of Intel Core i5
Area (in SQFT)	730.47
Lighting	Yes
Air Conditioning	Yes
Provisions provided to use Teaching-Aids	White Board & LCD Projector
Work Tables with Chairs	Available
Notice Boards	Available
10 KVA UPS APC	Available

Printer (Dot Matrix)	1

B.Availability of Centre of excellence & Utilization

S. No.	Centre For Excellence	Name of the Facility	Details	Purpose for creating facility	Utilization	Relevance to POs/PSOs
1	Centre of Excellence for Data Analytics and Machine Learning	High-End Computing Systems	Systems with i7/i9 processors, minimum 16 GB RAM, SSD storage	To support advanced programming, AI/ML, data analytics and simulation experiments	Used in Programming, Data Science, AI/ML, Project Laboratories	PO1, PO2, PO5, PSO1
		Open-Source Development Platforms	Python, Java, Linux OS, GitHub, Eclipse, VS Code	To promote open-source learning and collaborative development	Used in regular lab sessions and mini- projects	PO3, PO5, PO10, PSO1
		Virtual Lab Facilities	Access to NPTEL/Virtual Labs and simulation tools	To supplement physical labs with remote experimentation	Used when physical resources are limited	PO1, PO5, PO12
2	Centre of Excellence for Network Security	Licensed Software Tools	MATLAB, Oracle, MS Visual Studio, AutoCAD, Anaconda, Cloud IDEs	To provide industry-standard tools for hands-on learning	Utilized in core and elective laboratory courses	PO1, PO4, PO5, PSO1
		Networking and Security Lab	Routers, switches, firewalls, network simulators (NS2/NS3, Packet Tracer)	To enhance Practical understanding of networking concepts	Used in Computer Networks and Security Labs	PO1, PO2, PO5, PSO2

3	Centre of Excellence for Cloud Computing	Cloud Computing Laboratory	Access to AWS/Azure/GCP educational credits	To enable hands-on exposure to cloud deployment and virtualization	Used in Cloud Computing and Distributed Systems labs	PO2, PO5, PO12, PSO2
		Project Development & Innovation Lab	Dedicated space with computing, prototyping tools and internet access	To encourage project-based learning and innovation	Used for mini-projects, capstone projects, hackathons	PO3, PO4, PO9, PSO3
		Learning Management & Coding Platforms	LMS, online coding platforms (Quiklrn, MS Teams-institutional access)	To enhance problem-solving and self-paced learning	Used for lab assessments and practice	PO1, PO2, PO10, PSO1

C. Centre of Excellence

S.NO.	Name of the Laboratory
1.	Centre of Excellence for Data Analytics and Machine Learning
2.	Centre of Excellence for Network Security
3.	Centre of Excellence for Cloud Computing

- All the laboratories are open during the working hours from 8.15 a.m. to 4.00 p.m.
- Sufficient number of Computer systems available in the project lab.
- Funds are provided to the final year's best projects.
- Internet facilities are provided without limitation

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)	930	46	38	57	91
2024-25(CAYm1)	990	50	42	69	95
2025-26(CAY)	990	50	34	75	84

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	115.04	103.85	68.5	7.79	75.12	64.33	28.24	17.77
Library	4.89	1.25	1.64	4.44	10.25	1.17	26.57	2.83
Laboratory equipment	261.06	142.43	265.55	335.65	144.52	249.91	93.39	32.88
Teaching and non-teaching staff salary	2517.6	2266.94	2141.92	2292.05	1902.5	1941.52	1913.53	1993.39
Outreach Programs	7.5	3.56	7.5	6.13	5.5	4.92	2.5	1.29
R&D	6.31	4.42	12.01	6.01	6.08	3.02	6	5.76
Training, Placement and Industry linkage	213.7	10.49	185.21	203.54	30.71	31.83	25.97	28.86
SDGs	35.545	21.84	32.49	25.47	29.13	21.25	25.07	11.19
Entrepreneurship	0.185	0.166	0.085	0.085	0.02	0.02	0.085	0.046
Others, specify	1137.33	1218.19	920.4	1257.71	1001.2	1279.51	641.25	977.75
Total	**4299.160**	**3773.136**	**3635.305**	**4138.875**	**3205.03**	**3597.48**	**2762.605**	**3071.766**

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	2316450	175870	802950	354000	6086000	10035816	4276000	0
Software	799564	799564	257383	257383	1018041	1018041	549649	549649
SDGs	223500	213564	225500	196121	225000	169821	252000	245590

Support for faculty development	10000	10000	5000	5024	10000	9680	20000	11740
R & D	0	71000	0	71200	0	80100	0	157000
Industrial Training, Industry expert, Internship	0	0	0	0	0	0	0	0
Miscellaneous Expenses*	569579	569579	565650	565650	301489	301489	260410	260410
Total	**3919093**	**1839577**	**1856483**	**1449378**	**7640530**	**11614947**	**5358059**	**1224389**