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: 11452	**Date of Submission**: 12-01-2026

PART A- Profile of the Institute

A1.Name of the Institute: Government College of Engineering, Bargur	
Year of Establishment : 1994	Location of the Institute: BARGUR
A2. Institute Address:Government College of Engineering, Bargur ,Madhepalli Village, Bargur - 635 104. krishnagiri District	
City:Dharmapuri	State:Tamil Nadu
Pin Code:635104	Website:www.gcebargur.ac.in
Email:principal503@gmail.com	Phone No(with STD Code):04343-292511
A3. Name and Address of the Affiliating University (if any):	
Name of the University : Anna University Chennai	City: Chennai
State : Tamil Nadu	Pin Code: 600025
A4. Type of the Institution: Autonomous CAY(2017-18)	
A5. Ownership Status: State Government	

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

- No. of UG programs: **5**
- 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	PG	Applied Electronics	2017	--	Electronics and Communication Engineering
2	Engineering & Technology	PG	Computer Science and Engineering	2017	--	Computer Science and Engineering
3	Engineering & Technology	UG	Computer Science and Engineering	2004	--	Computer Science and Engineering
4	Engineering & Technology	UG	Cyber Security	2025	--	Computer Science and Engineering
5	Engineering & Technology	UG	Electrical & Electronics Engineering	1994	--	Electrical and Electronics Engineering
6	Engineering & Technology	UG	Electronics & Communication Engineering	1994	--	Electronics and Communication Engineering
7	Engineering & Technology	UG	Mechanical Engineering	2009	--	Mechanical Engineering
8	Engineering & Technology	PG	Power Electronics & Drives	2017	--	Electrical and Electronics 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
Electronics and Communication Engineering	No	Electronics & Communication 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	Cyber Security	UG

PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPE AUTHORITY A DETAILS
1	Computer Science and Engineering	UG	2004 / --	60	No	NA	60	2004	F.No.Southern/ 44643564539/2

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	Cyber Security	UG	2025 / --	60	No	NA	60	2025

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

A. Name of the HoD :	DR.J.NAFEESA BEGUM
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)	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	54	54	56	54	49	49	49
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	5	3	3	13	10	7
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	2	0	2	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.	56	59	61	57	62	59	56

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	54	2	93.33
2024-25 (CAYm1)	60	54	0	90.00
2023-24 (CAYm2)	60	56	2	96.67

Average [(ER1 + ER2 + ER3) / 3] = 93.33≡ 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).	73.00	70.00	67.00
B=No. of students who graduated from the program in the stipulated course duration	60.00	48.00	51.00
Success Rate (SR)= (B/A) * 100	82.19	68.57	76.12

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 75.63

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)	8.05	7.94	8.12
Y=Total no. of successful students	41.00	41.00	48.00
Z=Total no. of students appeared in the examination	54.00	54.00	54.00
API [X*(Y/Z)]	6.11	6.03	7.22

Average API[(AP1+AP2+AP3)/3] : 6.45

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)	7.74	7.63	8.07
Y=Total no. of successful students	57.00	62.00	60.00
Z=Total no. of students appeared in the examination	57.00	58.00	60.00
API [X * (Y/Z)]	7.74	8.16	8.07

Average API [(AP1 + AP2 + AP3)/3] : 7.99

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)	7.67	7.90	8.20
Y=Total no. of successful students	60.00	60.00	48.00
Z=Total no. of students appeared in the examination	62.00	60.00	48.00
API [X*(Y/Z)]:	7.42	7.90	8.20

Average API [(AP1 + AP2 + AP3)/3] : 7.84

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	73.00	70.00	67.00
X=No. of students placed	38.00	38.00	37.00
Y=No. of students admitted to higher studies	3.00	2.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	56.16	57.14	55.22

Average Placement Index = (P_1 + P_2 + P_3)/3: 56.17 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	N A (C A
1	DR.J.NAFEESA BEGUM	XXXXXXX34L	Ph.D	ANNA UNIVERSITY	INFORMATION SECURITY	03/05/2005	20.8	Assistant Professor	Professor	09/08/2017	R
2	DR.K.KUMAR	XXXXXXX00F	Ph.D	ANNA UNIVERSITY	COMPUTER SCIENCE AND ENGINEERING	24/04/2023	2.8	Associate Professor	Associate Professor	24/04/2023	R
3	DR.S.SELVI	XXXXXXX56G	Ph.D	ANNA UNIVERSITY	DATA MINING	10/04/2013	12.9	Assistant Professor	Associate Professor	19/04/2023	R
4	DR.C.M.T.KARTHIKEYAN	XXXXXXX80J	Ph.D	ANNA UNIVERSITY	CRYPTOGRAPHY AND NETWORK SECURITY	22/04/2013	12.8	Assistant Professor	Assistant Professor		R
5	DR. R.SUBATHRA	XXXXXXX02A	Ph.D	ANNA UNIVERSITY	DATA ANALYTICS	02/11/2018	7.2	Assistant Professor	Assistant Professor		R
6	DR.J.MANIMARAN	XXXXXXX65A	Ph.D	ANNAMALAI UNIVERSITY	COMPUTER NETWORKS	25/02/2019	6.10	Assistant Professor	Assistant Professor		R
7	DR.R.BALAMURUGAN	XXXXXXX72H	Ph.D	ANNAMALAI UNIVERSITY	IMAGE PROCESSING	25/02/2019	6.10	Assistant Professor	Assistant Professor		R
8	Mrs.G.DHIVYA	XXXXXXX92D	M.E.	ANNA UNIVERSITY	DATABASE MANAGEMENT SYSTEMS	02/07/2018	7.6	Assistant Professor	Assistant Professor		C F
9	Mrs.R.NITHYA	XXXXXXX48F	M.Tech	ANNA UNIVERSITY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	02/07/2018	7.6	Assistant Professor	Assistant Professor		C F
10	Mr.B.PURUSHOTHAMAN	XXXXXXX78M	M.E.	ANNA UNIVERSITY	NATURAL LANGUAGE PROCESSING	11/07/2019	6.5	Assistant Professor	Assistant Professor		C F
11	Mrs.TR.SATHYAJOTHI	XXXXXXX81C	M.E.	ANNA UNIVERSITY	COMPUTER ORGANISATION AND ARCHITECTURE	10/12/2024	1	Assistant Professor	Assistant Professor		C F
12	Mrs.K.CHANDHINI	XXXXXXX19Q	M.E.	ANNA UNIVERSITY	CLOUD COMPUTING	10/06/2024	0.11	Assistant Professor	Assistant Professor		C F
13	Mrs.K.LOGANAYAGI	XXXXXXX21H	M.E.	ANNA UNIVERSITY	COMPUTER SCIENCE AND ENGINEERING	10/10/2022	1.7	Assistant Professor	Assistant Professor		C F

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	65	63	63
UG1.C	63	62	66
UG1.D	62	66	66
UG1: Computer Science and Engineering	**190**	**191**	**195**
UG2.B	0	0	0
UG2.C	0	0	0
UG2.D	0	0	0
UG2: Cyber Security	**0**	**0**	**0**
PG1.A	9	9	9
PG1.B	9	9	18
PG1: Computer Science and Engineering	**18**	**18**	**27**
DS=Total no. of students in all UG and PG programs in the Department	208	209	222
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=** 208	**S2=** 209	**S3=** 222
DF=Total no. of faculty members in the Department	11	11	11
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=** 11	**F2=** 11	**F3=** 11
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= 18.91**	**SFR2= 19.00**	**SFR3= 20.18**
Average SFR for 3 years	**SFR= 19.36**		

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	6	10.00	18.50
2024-25(CAYm1)	5	6	10.00	18.50
2023-24(CAYm2)	5	6	11.00	16.82

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	1.00	2.00	2.00	6.00	4.00
2024-25	1.00	1.00	2.00	2.00	6.00	4.00
2023-24	1.00	1.00	2.00	2.00	7.00	4.00
Average	RF1=1.00	AF1=1.00	RF2=2.00	AF2=2.00	RF2=6.33	AF2=4.00

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Microsoft Faculty	Trainer	Microsoft	Microsoft Essentials	60.00
2	IBM Faculty	Trainer	IBM	Frontend Technologies, Node.js and REST API	60.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Sunstone Faculty	Trainer	Sunstone	Full Stack Development	60.00
2	IBM	Trainer	IBM	Professional Readiness for Innovation, Employability and Entrepreneurship	60.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	CISCO Faculty	Trainer	CISCO	Network Essentials	60.00
2	SAP Faculty	Trainer	MS+SAP	Foundations for AI, ML, FS	60.00
3	IBM	Trainer	IBM	Professional Readiness for Innovation, Employability and Entrepreneurship	60.00

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	12	12	7
2	No. of peer reviewed conference papers published	6	4	2
3	No. of books/book chapters published	1	0	0

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.J.Nafeesa Begum	Dr.R.Subathra	Computer Science and Engineering	TNEA Software Development for CFG, Lateral Entry FG, Transfer and Readmission	Directorate of Technical Education, Tamil Nadu	3 years	0.00
						Amount received (Rs.):0.00

(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.J.Nafeesa Begum	Dr.R.Subathra	Computer Science and Engineering	TNEA Software Development for CFG, First year FG, Lateral Entry FG, Transfer and Readmission	Directorate of Technical Education, Tamil Nadu	3 years	0.00
						Amount received (Rs.):0.00

(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.J.Nafeesa Begum	Dr.R.Subathra	Computer Science and Engineering	TNEA Software Development for First ear Approval, FG Approval, Transfer and Readmission	Directorate of Technical Education, Tamil Nadu	3 years	0.00
						Amount received (Rs.):0.00

Total amount (Lacs) received for the past 3 years: 0.00

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)

(CAYm2)

(CAYm3)

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

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	Project Lab	60	Computer Systems with required Softwares	24 hrs	N.Sridhar	Skilled Assist	DEEE.,B.E
2	Open Source Lab	60	Computer Systems with required Softwares	20 hrs	J.John Josep	Special Artisa	ITI
3	Cloud Lab	30	Computer Systems with required Softwares	14 hrs	K.Shanmuga	Skilled Assist	DECE
4	Digital Lab	25	Digital Trainer Kit, Power Supply	7 hrs	R.S.Sivakum	Skilled Assist	DEEE.,B.E

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures

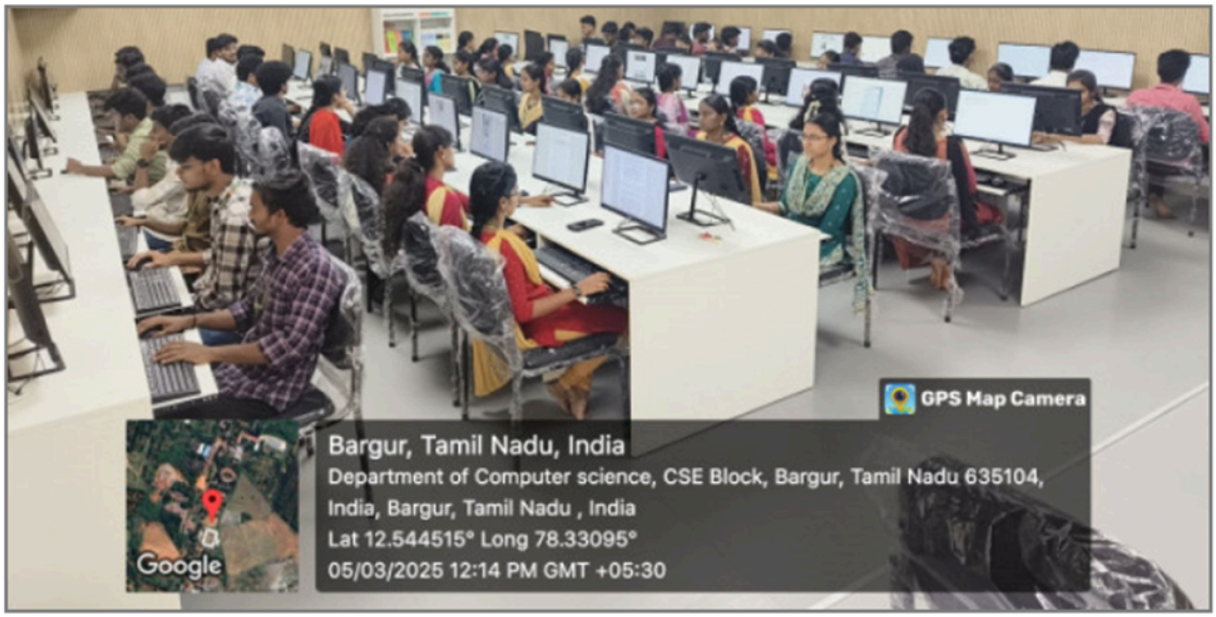
1	Project Lab	1. Free circulation space is available for maintenance. 2. All the systems have proper earth and safe wiring. 3. Fire safety precautions are displayed on flex and charts. 4. First aid kits are provided in the laboratory. 5. All systems are provided with Standard Operating Procedures (SOP). 6. Laboratories are provided with Do's and Don'ts as primary safety measure. 7. General Safety Guidelines to be followed at all times. 8. UPS Backup for uninterrupted power supply. 9. All users of the laboratory are to follow the directions of Academic/Laboratory Technician staff member. 10. Food or drink is not permitted at any time in the laboratory. 11. Students should not attempt to repair, open, tamper or interfere with any of the computer, printing, cabling, air conditioning or other equipment in the laboratory. 12. Students should be aware of office ergonomic guidelines for correct posture when using computer system.
2	Open Source Lab	1. Free circulation space is available for maintenance. 2. All the systems have proper earth and safe wiring. 3. Fire safety precautions are displayed on flex and charts. 4. First aid kits are provided in the laboratory. 5. All systems are provided with Standard Operating Procedures (SOP). 6. Laboratories are provided with Do's and Don'ts as primary safety measure. 7. General Safety Guidelines to be followed at all times. 8. UPS Backup for uninterrupted power supply. 9. All users of the laboratory are to follow the directions of Academic/Laboratory Technician staff member. 10. Food or drink is not permitted at any time in the laboratory. 11. Students should not attempt to repair, open, tamper or interfere with any of the computer, printing, cabling, air conditioning or other equipment in the laboratory. 12. Students should be aware of office ergonomic guidelines for correct posture when using computer system.
3	Cloud Lab	1. Free circulation space is available for maintenance. 2. All the systems have proper earth and safe wiring. 3. Fire safety precautions are displayed on flex and charts. 4. First aid kits are provided in the laboratory. 5. All systems are provided with Standard Operating Procedures (SOP). 6. Laboratories are provided with Do's and Don'ts as primary safety measure. 7. General Safety Guidelines to be followed at all times. 8. UPS Backup for uninterrupted power supply. 9. All users of the laboratory are to follow the directions of Academic/Laboratory Technician staff member. 10. Food or drink is not permitted at any time in the laboratory. 11. Students should not attempt to repair, open, tamper or interfere with any of the computer, printing, cabling, air conditioning or other equipment in the laboratory. 12. Students should be aware of office ergonomic guidelines for correct posture when using computer system.
4	Digital Lab	1. Free circulation space is available for maintenance. 2. Fire safety precautions are displayed on flex and charts. 3. First aid kits are provided in every laboratory. 4. Switching of power supply before altering connections. 5. Careful handling of components avoiding short circuit and overloading. 6. Avoidance of loose connections and exposed wires. 7. All laboratories are provided with Do's and Don'ts as primary safety measure. 8. General Safety Guidelines to be followed at all times. 9. UPS Backup for uninterrupted power supply. 10. All users of the laboratory are to follow the directions of Academic/Laboratory Technician staff member. 11. Food or drink is not permitted at any time in the laboratory.
5	QEEE Lab	1. Free circulation space is available for maintenance. 2. All the systems have proper earth and safe wiring. 3. Fire safety precautions are displayed on flex and charts. 4. First aid kits are provided in the laboratory. 5. All systems are provided with Standard Operating Procedures (SOP). 6. Laboratories are provided with Do's and Don'ts as primary safety measure. 7. General Safety Guidelines to be followed at all times. 8. UPS Backup for uninterrupted power supply. 9. All users of the laboratory are to follow the directions of Academic/Laboratory Technician staff member. 10. Food or drink is not permitted at any time in the laboratory. 11. Students should not attempt to repair, open, tamper or interfere with any of the computer, printing, cabling, air conditioning or other equipment in the laboratory. 12. Students should be aware of office ergonomic guidelines for correct posture when using computer system.
6	Foreign Language Laboratory	1. Free circulation space is available for maintenance. 2. All the systems have proper earth and safe wiring. 3. Fire safety precautions are displayed on flex and charts. 4. First aid kits are provided in the laboratory. 5. All systems are provided with Standard Operating Procedures (SOP). 6. Laboratories are provided with Do's and Don'ts as primary safety measure. 7. General Safety Guidelines to be followed at all times. 8. UPS Backup for uninterrupted power supply. 9. All users of the laboratory are to follow the directions of Academic/Laboratory Technician staff member. 10. Food or drink is not permitted at any time in the laboratory. 11. Students should not attempt to repair, open, tamper or interfere with any of the computer, printing, cabling, air conditioning or other equipment in the laboratory. 12. Students should be aware of office ergonomic guidelines for correct posture when using computer system.

D3. Project Laboratory/Research Laboratory

Foreign Language Lab

Empowering Global Competence through the Foreign Language Lab:

The Foreign Language Lab is aimed at equipping students with essential global communication skills, and provides an interactive and immersive environment where students can master languages such as French, German, Japanese and Spanish using advanced audio-visual tools and digital resources. With a strong focus on listening, speaking, reading, and writing skills, the lab empowers students to become confident professionals who can thrive in multinational workplaces and research environments worldwide. This initiative strengthens students' global readiness, opening pathways to international placements, higher education abroad, global internships, and cross-cultural collaboration.



Objectives:

- To provide ample academic support for interested students to learn various foreign languages for better employment and career opportunities.
- The training in a language lab differs from the traditional classroom training the students actively participate in language learning exercises and training.
- To make students try innovative things in lab than in classroom.
- To make students respond with the provided resources such as Audio, Video, multimedia along with internet access.
- To make the teaching successful in very novel way.
- To enable the students to access through the e-books and refer to the recordings of the sessions in future.
- To make the students get access to all the e-materials, audio files and also the language library in the laboratory helps them to go through various kind of materials related to language.
- To create awareness among the students on the importance of learning foreign languages to meet the expectations of the global market.

Resources Available:

S.NO.	RESOURCES	DETAILS
1.	Technical Infrastructure (60+1 Systems)	• CCTV (3 nos.) • Inverter UPS and Battery • Computer(DESKTOP) • Headphones/Microphones • Printers • Smart board • Audio system
2.	E-learning content/Bookts/Materials	• E-Books for 4 languages • French, German, Spanish and Japanese foreign languages of student's choice(per system) • E-app(self-learning)
3.	Reading/Listening corner	• Printed books • Reference Materials

Benefits of centre for foreign languages:

Language lab provide practice in an entertaining and interactive way to acquire the 4 main language skills: Speaking, Reading, Listening and Writing.

- **Self-Learning-** The student progresses in a self-guided but structured and progressive training to achieve the goals and objective set by the education body.
- **Complimentary-** Foreign language labs allow students to reinforce material learned in class by putting them into practice through interactive activities.
- **Monitoring and Evaluation-** Teachers know the progress of each student and receive reports of strength and weakness to better adapt the classroom activities.

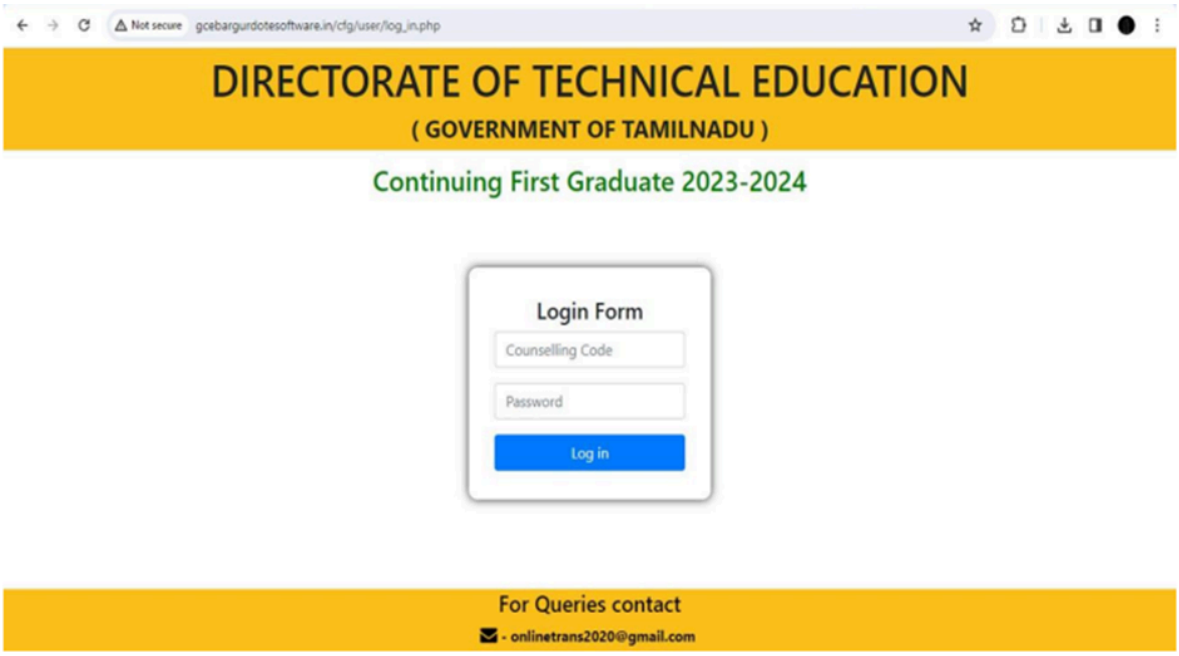
Outcomes:

Understanding foreign languages helps students read technical papers, patents, and journals published in different languages. Many companies look for candidates fluent in languages like German, French, Japanese, or Spanish for roles in customer support, translation, and process management. There is an increased chances of being hired by MNCs operating in countries like Germany, France, Japan, Spain, and USA.

DOTE Software

Tamil Nadu Engineering First Graduate online approval system 2025 (CFG-2025) is complete online approval method. This software module deals with the overall description and functionality of the online verifying process. DoTE (Directorate of Technical Education) have to verify their student details in online, by submitting all the required details of the candidate by colleges.

Website:http://gcebargurdotesoftware.in/cfg/user/log_in.php (http://gcebargurdotesoftware.in/cfg/user/log_in.php)



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)	240	12	10	32	120
2024-25(CAYm1)	240	12	11	34	130
2025-26(CAY)	240	12	13	33	142

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	0	0	84000000	84000000	40000000	40000000	80000000	80000000
Library	100000	100000	0	0	0	0	80000	78939
Laboratory equipment	1500000	1492787	2300000	2286211	3900000	3825701	3000000	2961888

Teaching and non-teaching staff	132000000	131225587	125000000	124279992	12000000	11900000	85710000	85710000
Outreach Programs	0	0	0	0	0	0	0	0
R&D	10000000	4841808	17000000	16550350	17500000	17465750	8310000	8309390
Training, Placement and	0	0	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Entrepreneurship	0	0	0	0	0	0	0	0
Others, specify	0	0	0	0	0	0	0	0
Total	**143600000**	**137660182**	**228300000**	**227116553**	**73400000**	**73191451**	**177100000**	**177060217**

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	1200000	1197698	1900000	1896348	2200000	2150375	560000	551500
Software	0	0	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	84802	173189	87000	84555	225292	78745	0	0
R & D	0	0	0	0	0	0	0	0
Industrial Training, Industry expert,	0	0	245486	245486	522000	522000	0	0
Miscellaneous Expenses*	0	0	0	0	0	0	0	0
Total	**1284802**	**1370887**	**2232486**	**2226389**	**2947292**	**2751120**	**560000**	**551500**