

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai

B.E. Biomedical Engineering

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

(Applicable for the students Admitted from 2024-2025 onwards)							
Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE102	Engineering Graphics	ESC	3	0	2	4
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	12	23
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA202	Vector Calculus and Numerical Analysis	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
6	24BM201	Biosciences for Biomedical Engineering	PCC	3	0	0	3
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24BM202L	Biosciences Laboratory	PCC	0	0	3	1.5
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	2	8	24


 BBS Chairman
 (S&H) 19/06

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai

B.E. Civil Engineering

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

(Applicable for the students Admitted from 2024-2025 onwards)							
Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE102	Engineering Graphics	ESC	3	0	2	4
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	12	23
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA203	Vector Calculus and Statistics	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
6	24CE201	Engineering Mechanics	PCC	3	1	0	4
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24CE202L	Building Drafting and Modeling Laboratory	PCC	0	0	3	1.5
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	2	8	25

BOS Chairman
(S&H) 19/6

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai

B.E. Computer Science and Engineering

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	9	21.5
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA201	Vector Calculus and Complex Integration	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE102	Engineering Graphics	BSC	3	0	2	4
6	24AD201	Python Programming	ESC	3	0	0	3
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24AD202L	Python Programming Laboratory	ESC	0	0	3	1.5
9	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	2	11	25.5

BoS Chairman
(S&H) 14/06

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai
B.E. Electronics and Communication Engineering

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE102	Engineering Graphics	ESC	3	0	2	4
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	12	23
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA202	Vector Calculus and Numerical Analysis	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
6	24EC201	Electric Circuits and Electron Devices	PCC	3	0	0	3
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24EC202L	Circuits and Devices Laboratory	PCC	0	0	3	1.5
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	2	8	24


 B&S Chairman
 (S&H) 19/06

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai

B.E. Electrical and Electronics Engineering

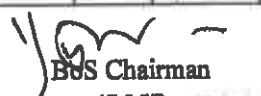
Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE102	Engineering Graphics	ESC	3	0	2	4
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	12	23
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA202	Vector Calculus and Numerical Analysis	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
6	24EE201	Circuit Theory	PCC	3	1	0	4
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24EE202L	Electric Circuits Laboratory	PCC	0	0	3	1.5
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	3	8	25


BUS Chairman
(S&H)

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai

B.E. Mechanical Engineering

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE102	Engineering Graphics	ESC	3	0	2	4
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	12	23
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA203	Vector Calculus and Statistics	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
6	24CE201	Engineering Mechanics	PCC	3	1	0	4
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24ME201L	Computer Aided Drafting Laboratory	PCC	0	0	3	1.5
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	3	8	25

BoS Chairman
(S&H) 19/06

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai

B.TECH. Agricultural Engineering

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE102	Engineering Graphics	ESC	3	0	2	4
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	12	23
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA203	Vector Calculus and Statistics	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
6	24AG201	Principles and Practices of Crop Production	PCC	3	0	0	3
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24AG202L	Crop Husbandry Field Laboratory	PCC	0	0	3	1.5
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	2	8	24

BoS Chairman
(S&H)

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai
B.TECH. Artificial Intelligence and Data Science

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	9	21.5
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA201	Vector Calculus and Complex Integration	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE102	Engineering Graphics	BSC	3	0	2	4
6	24AD201	Python Programming	ESC	3	0	0	3
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24AD202L	Python Programming Laboratory	ESC	0	0	3	1.5
9	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	2	11	25.5


B&S Chairman
(S&H)

Kongunadu College of Engineering and Technology
(Autonomous)

Affiliated to Anna University, Chennai

B.TECH. Information Technology

Regulations: R2024

Choice Based Credit System

I & II Semesters Curricula & Syllabi

(Applicable for the students Admitted from 2024-2025 onwards)

Semester I							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
1	24MC001	Induction Programme	MC	-	-	-	0
Theory							
2	24EN101	Communicative English	HSMC	3	0	0	3
3	24MA101	Matrices and Calculus	BSC	3	1	0	4
4	24PH101	Engineering Physics	BSC	3	0	2	4
5	24CY101	Engineering Chemistry	BSC	3	0	2	4
6	24GE101	Computer Fundamentals and C Programming	ESC	3	0	0	3
7	24TA101	தமிழர் மரபு / Heritage of Tamils	HSMC	1	0	0	1
Practical							
8	24GE103L	C Programming Laboratory	ESC	0	0	3	1.5
9	24EEC101L	Interpersonal Communication Laboratory	EEC	0	0	2	1
Total				16	1	9	21.5
Semester II							
S.No.	Course Code	Course Title	Course Category	No. of Periods/ Week			Credits
				L	T	P	
Theory							
1	24EN201	Technical English	HSMC	3	0	0	3
2	24MA201	Vector Calculus and Complex Integration	BSC	3	1	0	4
3	24MC002	Universal Human Values – 2 Understanding Harmony	MC	2	1	0	3
4	24CY201	Environmental Sciences	BSC	3	0	0	3
5	24GE102	Engineering Graphics	BSC	3	0	2	4
6	24AD201	Python Programming	ESC	3	0	0	3
7	24TA201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	HSMC	1	0	0	1
Practical							
8	24AD202L	Python Programming Laboratory	ESC	0	0	3	1.5
9	24GE104L	Engineering Practices Laboratory	ESC	0	0	4	2
10	24EEC201L	Professional Communication Laboratory	EEC	0	0	2	1
Total				18	2	11	25.5

BoS Chairman
(S&H) 19/06