



ANNUAL STATISTICS OF COLLEGES

AFFILIATED TO

VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELGAUM YEAR 2024-2025

(Statistics for the Academic year 2024-2025 (01.04.2024 to 31.03.2025))

Region & College Code:

1. Name of the College / Institute: **CAMBRIDGE INSTITUTE OF TECHNOLOGY**
 2. Address : Basavanapura Main Road, K R Puram, Bangalore-560036

Telephone Number: Area Code : 080 No. 25618798-99
 Fax No. : 080-25618789 E-mail : principal@cambridge.edu.in Website : www.cambridge.edu.in
 District: **BANGALORE**

3. Location Taluk: **BANGALORE**

4. Name of the Principal **Dr. G. Indumathi** Field of Specialization **Engineering Education and Administration** Ph. No. @: **080-25618798-99** Mobile: **9880411116**

5. (a) Type of College: [Constituent/Private Aided/Private Un-aided/Aided Minority/Un-aided Minority] [C/PA/PU/AM/UM] **Private Un-aided**

(b) Name & Address of the Management: **Umesh Education Trust** Ph. No.: **(080-25618798-99)**

6. (a) Year of Establishment of the Management: **1997**

(b) Year of Establishment of the College: **2007**

7. Location (Rural / Urban area): **Urban**

8. Type of College (Day / Evening College): **Day College**

9. Recognition under: 2(f): **YES** 12(B): **NO**

10. Courses

Sl. No.	Undergraduate Course	Year of Est.	Accreditation Status				Post Graduate Courses	Year of Est.	Accreditation Status				Research Centre	Year of Est.
			NBA		NAAC				NBA		NAAC			
			From	To	Fro	To			From	To	From	To		
1	CSE	2007	From 2023-24 up to 30.06.2026		2022 to 2027 A+ Grade	MBA	2008					CSE	2014	
2	ISE	2007				MCA	2009					ECE	2015	
3	ECE	2007				M.Tech - CSE	2011					ME	2014	
4	EEE	2007				M.Tech - VLSI	2023					CHEMISTRY	2016	
5	ME	2010										MATHEMATICS	2016	
6	Civil	2014										MBA	2013	
7	AI&ML	2020										MCA	2021	
8	CSE-IOT	2023												
9	CSE-DS	2024												

NO. OF STUDENTS ON ROLLS

I Semester UG

ANNEXURE – II a

Region & College Code:

1	C	D
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Sl. No.	Course	Sanctioed Intake	Total No. of Students Admitted			Vac.	No. of Students admitted who have passed qualifying examination from		No. of Students belonging to																											
									GM		NRI		SC		ST		Cat I		Cat II A		Cat II B		Cat III A		Cat III B		Phy. Han.		Ex-ser		GOI		NCC			
									M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1	CSE	240+12	181	105	286	-	211	75	73	31	-	-	10	11	06	06	11	8	30	18	14	11	32	15	5	5	-	-	1	-	-	-	-	-		
2	ISE	180+09	113	83	196	-	185	11	29	17	-	-	11	07	05	01	6	6	23	26	13	5	20	15	6	6	-	-	-	-	-	-	-	-		
3	EEE	60+03	33	27	60	-	57	03	05	04	-	-	08	04	00	01	3	01	13	10	6	5	10	10	1	1	-	-	-	-	-	-	-	-		
4	ME	60+03	41	04	45	-	42	03	09	00	-	-	10	04	00	00	0	0	10	0	0	0	10	0	0	0	-	-	-	-	-	-	-	-		
5	ECE	180+09	115	70	185	-	171	14	28	12	-	-	10	13	04	01	10	5	27	15	5	7	26	19	5	6	-	-	-	-	-	-	-	-		
6	CV	60+03	29	11	40	-	36	04	06	01	-	-	04	04	00	01	2	1	5	1	1	1	9	1	1	1	-	-	-	-	-	-	-	-		
7	AI&ML	120+06	77	57	134	-	112	22	20	10	-	-	04	09	03	01	5	2	16	15	5	1	20	16	5	3	-	-	-	-	-	-	-	-		
8	CSE-IOT	60+03	49	16	65	-	58	07	14	03	-	-	07	03	01	01	2	1	5	13	3	3	5	1	2	1	-	-	-	-	-	-	-	-		
9	CSE-DS	60+03	32	34	66	-	55	11	12	13	-	-	02	02	01	00	1	1	6	7	5	2	5	8	0	1	-	-	-	-	-	-	-	-		

M=Male F=Female T=Total Kar=Karnataka Non-Kar=Non-Karnataka

NO. OF STUDENTS ON ROLLS

Region & College Code:

1 C D

III Semester UG

Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	No. of Students belonging to																					
							GM		NRI		SC		ST		Cat I		Cat II A		Cat II B		Cat III A		Cat III B		Phy. Han		Ex-Ser	
							M	F	T	M	F	San	Adm	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
1	CSE	180+09=189	138	83	221		54	26	-	-	09	07	03	04	5	5	31	15	6	6	25	15	5	5	-	-	-	-
2	ISE	180+09=189	122	88	210		48	31	-	-	06	11	05	01	2	3	20	20	11	2	25	15	5	5	-	-	-	-
3	EEE	60+03=63	38	30	68		15	09	-	-	05	02	0	0	2	4	9	5	2	2	4	6	3	2	-	-	-	-
4	ME	60+03=63	40	06	46		15	02	-	-	06	02	01	0	3	1	5	0	2	0	4	1	2	0	-	-	-	-
5	ECE	180+09=189	131	76	207		42	23	-	-	20	02	02	04	10	5	27	15	5	7	20	15	5	5	-	-	-	-
6	CV	60+03=63	18	08	26		3	1	-	-	04	01	01	01	2	1	3	1	1	1	3	1	1	1	-	-	-	-
7	AI&ML	60+03=63	96	42	138		22	15	-	-	11	03	02	01	10	2	21	5	5	1	20	12	5	3	-	-	-	-
8	CSE-IOT	60+03=63	46	17	63		25	08			05	0	0	0	2	1	9	3	1	3	3	1	1	1	-			

M=Male F=Female

For the year-2024-2025

NO. OF STUDENTS ON ROLLS
V Semester UG

ANNEXURE – II c

Region & College Code:

1	C	D
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Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	No. of Students belonging to																					
							GM		NRI		SC		ST		Cat I		Cat II A		Cat II B		Cat III A		Cat IIIB		Phy. Han		Ex- Ser	
							M	F	San	Adm.	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	CSE	180+09=189	124	86	210		35	22	-	-	10	10	3	1	4	5	22	15	5	6	35	22	10	5	-	-	-	-
2	ISE	180+09=189	129	75	204		27	07	-	-	11	05	2	1	6	5	35	20	5	5	35	26	14	6	-	-	-	-
3	EEE	60+03=63	35	24	59		07	04	-	-	02	06	1	0	3	2	11	7	1	2	9	2	1	1	-	-	-	-
4	ME	60+03=6320	27	01	28		04	00	-	-	0	0	0	0	2	0	15	0	2	0	3	1	1	0	-	-	-	-
5	ECE	180+09=189	120	77	197		16	08	-	-	15	07	3	3	3	6	30	21	5	10	30	20	18	5	-	-	-	-
6	CV	60+03=63	13	07	20		4	00	-	-	5	3	0	1	1	0	0	3	0	0	2	0	1	0	-	-	-	-
7	AI&ML	60+03=63	35	29	64		6	7	-	-	2	2	0	0	2	3	9	4	2	1	12	11	2	1	-	-	-	-

M=Male

F=Female

NO. OF STUDENTS ON ROLLS

Region & College Code:

1	C	D
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VII Semester UG

Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	No. of Students belonging to																											
							GM		NRI		SC		ST		Cat I		Cat II A		Cat IIB		Cat III A		Cat IIIB		Phy. Han		Ex-Ser							
			M	F	T		M	F	San	Adm.	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
1	CSE	180+09=189	122	87	209		55	22	-	-	15	03	1	3	4	4	22	29	4	4	17	16	4	4	-	-	-	-						
2	ISE	180+09=189	116	89	205		41	25	-	-	07	08	2	0	4	8	25	20	3	5	25	18	8	5	-	-	-	-						
3	EEE	60+03=63	28	16	44		11	04	-	-	04	03	0	0	3	1	3	3	2	2	2	2	2	1	-	-	-	-						
4	ME	60+03=6320	19	00	19		03	00	-	-	04	00	0	0	1	0	3	0	5	0	2	0	1	0	-	-	-	-						
5	ECE	180+09=189	99	87	186		31	31	-	-	12	11	4	0	2	6	15	15	5	7	25	15	5	2	-	-	-	-						
6	CV	60+03=63	08	06	14		0	03	-	-	1	2	0	0	3	1	1	0	1	0	1	0	1	0	-	-	-	-						
7	AI&ML	60+03=63	40	27	67		16	10	-	-	0	3	1	2	3	1	3	4	3	2	7	3	7	2	-	-	-	-						

M=Male F=Female

NO. OF STUDENTS ON ROLLS

Region & College Code:

I	C	D
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IX Semester (for Architecture)

Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	No. of Students belonging to																					
							GM		NR I		SC		ST		Cat I		Cat II A		Cat II B		Cat III A		Cat III B		Phy. Han		Ex-Ser	
							M	F	T	M	F	San	Adm	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												

NA

M=Male F=Female

**Category of Students admitted to I Sem. UG courses in the college
(Supernumerary seats)**

Course: **UG**

Region & College Code:

1	C	D
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Sl No.	Name of the country	Sanctioned Intake	Foreign Nationals		J & K		Total		Remarks
			Male	Female	Male	Female	Male	Female	
1.	India		0	0	3	1	3	1	

- M: Male F: Female
- The country wise list for each course offered by the college

**Category of Students admitted to III Sem. UG courses in the college
(Supernumerary seats)**

Course: **UG**

Region & College Code:

1	C	D
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Sl No.	Name of the country	Sanctioned Intake	Foreign Nationals		J & K		Total		Remarks
			Male	Female	Male	Female	Male	Female	
1.	India		-	-	7	0	7	0	

- M: Male F: Female
- The country wise list for each course offered by the college

ANNEXURE – II h

Category of Students admitted to V Sem. UG courses in the college

Region & College Code:

I	C	D
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Course: UG

SI No.	Name of the country	Sanctioned Intake	Foreign Nationals		J & K		Total		Remarks
			Male	Female	Male	Female	Male	Female	
1.	India		0	0	5	0	5	0	

- M: Male F: Female
- The country wise list for each course offered by the college

For the year-2024-2025

Category of Students admitted to VII Sem. UG courses in the college

Region & College Code:

1	C	D
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Course: UG

Sl No.	Name of the country	Sanctioned Intake	Foreign Nationals		J & K		Total		Remarks
			Male	Female	Male	Female	Male	Female	
1.	India		0	0	5	2	5	2	

- M: Male F: Female
- The country wise list for each course offered by the college

Category of Students admitted to IX Sem. UG courses in the college

Region & College Code:

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Course: _____

Sl No.	Name of the country	Sanctioned Intake	Foreign Nationals		J & K		Total		Remarks
			Male	Female	Male	Female	Male	Female	
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									

NA

Summary Sheet -1
NO. OF STUDENTS ON ROLLS (UG)

Region & College Code:

1	C	D
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Sl. No.	Course	Sanctioned Intake	Total No. of students Admitted														
			I Semester			III Semester			V Semester			VII Semester			IX Semester (Architecture)		
			Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	CSE	240+12=252	181	105	286	138	83	221	124	86	210	122	87	209			
2.	ISE	180+09=189	113	83	196	122	88	210	129	75	204	116	89	205			
3.	EEE	60+03=63	33	27	60	38	30	68	35	24	59	28	16	44			
4.	ME	60+03=63	41	04	45	40	06	46	27	01	28	19	00	19		NA	
5.	ECE	180+09=189	115	70	185	131	76	207	120	77	197	99	87	186			
6.	CIVIL	60+03=63	29	11	40	18	08	26	13	07	20	8	6	14			
7.	AI&ML	120+06=63	77	57	134	96	42	138	35	29	64	40	27	67			
8.	CSE-IOT	60+03=63	49	16	65	46	17	63	-	-	-	-	-	-			
9.	CSE-DS	60+03=63	32	34	66	-	-	-	-	-	-	-	-	-			

Summary Sheet-2
Category of Students admitted to All UG courses in the college

Sl. No.	Years	No. of Students																								
		GM		NRI		SC		ST		Cat I		Cat II A		Cat II B		Cat III A		Cat III B		Phy. Han		Ex-Ser		Total		
		1		2		3		4		5		6		7		8		9		10		11		1 to 11		
		M	F	San	Adm.	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Male
1.	I	196	91	-	-	66	57	20	12	54	22	131	85	54	33	111	83	38	24	-	-	-	-	670	407	
2.	II	225	115	-	-	66	28	14	11	45	22	105	74	31	22	120	63	36	16	-	-	-	-	628	351	
3.	III	93	48	-	-	45	33	09	06	25	21	123	97	31	24	137	52	20	18	-	-	-	-	483	299	
4.	IV	157	95	-	-	43	32	08	05	26	21	82	62	19	20	78	59	19	18	-	-	-	-	432	312	

M=Male F=Female

For the year-2024-2025

NO. OF STUDENTS ON ROLLS

Region & College Code:

1	C	D
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I Semester PG

No. of Students belonging to

Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	GM		NRI		SC		ST		Cat I		Cat IIA		Cat II B		Cat IIIA		Cat IIIB		Phy. Han		Ex-Ser		FN	
			M	F	T		M	F	San	Ad m.	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	MBA	120	64	52	116		8	10	-	-	12	5	2	3	2	2	15	8	6	6	19	13	0	5	-	-	-	-	-	-
2	MCA	120	63	55	118		15	11	-	-	11	3	4	1	3	2	8	15	8	13	14	08	0	3	-	-	-	-	-	-
3	M.Tech/CSE	18	04	14	18		2	6	-	-	0	2	0	0	0	0	1	2	0	3	1	1	0	0	-	-	-	-	-	
4	M.Tech/VLSI	18	06	11	17		2	3	-	-	0	2	0	0	0	0	1	2	2	1	1	2	0	1	-	-	-	-	-	

M=Male F=Female

FN: Foreign Nations

For the year-2024-2025

NO. OF STUDENTS ON ROLLS

Region & College Code:

1	C	D
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III Semester PG

No. of Students belonging to																														
Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	GM		NRI		SC		ST		Cat I		Cat II A		Cat II B		Cat III A		Cat III B		Phy. Han		Ex-Ser		FN	
			M	F	T		M	F	San	Ad m.	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	MBA	120	69	51	120		28	20	-	-	5	7	2	1	6	2	10	10	5	2	10	7	3	2	-	-	-	-	-	-
2	MCA	120	64	56	120		30	19	-	-	6	4	3	3	3	5	10	10	2	2	7	10	3	3	-	-	-	-	-	
3	M.Tech/CSE	18	3	15	18		0	2	-	-	1	6	0	3	0	1	1	1	0	0	1	1	0	1	-	-	-	-	-	
4	M.Tech/VLSI	18	3	9	12		0	1	-	-	2	4	0	1	0	0	1	0	0	0	0	2	0	1	-	-	-	-	-	

M=Male F=Female

FN: Foreign Nations

For the year-2024-2025

Region & College Code:

1	C	D
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NO. OF STUDENTS ON ROLLS

V Semester PG (for MCA)

No. of Students belonging to

Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	GM		NRI		SC		ST		Cat I		Cat II A		Cat II B		Cat III A		Cat III B		Phy. Han		Ex-Ser		FN	

M=Male F=Female

FN: Foreign Nations

Summary Sheet-3

NO. OF STUDENTS ON ROLLS (PG)

Region & College Code:

1	C	D
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Sl. No.	Course	Sanctioned Intake	Total No. of students Admitted									
			I Semester				III Semester			V Semester (MCA)		
			Male	Female	Total		Male	Female	Total	Male	Female	Total
1	MBA	120	64	52	116		69	51	120			
2	MCA	120	63	55	118		64	56	120			
3	M.Tech/CSE	18	4	14	18		3	15	18			
4	M.Tech/VLSI	18	6	11	18		3	9	12			

For the year-2024-2025

Summary Sheet-4

Category of Students admitted to All PG courses in the college

Region & College Code:

1	C	D
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Sl. No.	Years	No. of Students																											
		GM		NRI		SC		ST		Cat I		Cat II A		Cat II B		Cat III A		Cat III B		Phy. Han		Ex-Ser		FN		Total			
		1		2		3		4		5		6		7		8		9		10		11		12		1 to 12			
		M	F	San	Adm	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Male	Female
1.	I	27	30	-	-	23	12	06	04	05	04	25	26	16	23	35	24	0	9	-	-	-	-	-	-	137	132		
2.	II	58	42	-	-	14	21	05	08	9	8	22	21	7	4	18	20	6	7	-	-	-	-	-	-	139	131		

M=Male F=Female

For the year-2024-2025

Rural Students

ANNEXURE –SPG 3 (III (k-m))

Region & College Code:

1	C	D
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Sl. No.	Course	Total No. of students Admitted														
		I Semester			III Semester			V Semester			VII Semester			IX Semester (Architecture)		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	CSE	09	05	14	9	4	13	7	3	10	7	9	16			
2.	ISE	07	05	12	15	3	18	5	5	10	5	7	12			
3.	EEE	01	02	03	02	2	04	1	0	01	1	1	2			
4.	ME	02	02	04	01	0	01	0	0	00	0	0	0			
5.	ECE	10	04	14	11	5	16	4	5	09	7	6	13			
6.	CV	02	01	03	2	0	02	2	0	02	2	0	2			
7.	AI& ML	06	01	07	4	2	06	3	1	04	4	0	4			
8.	CSE-IOT	01	02	03	2	1	03	-	-	-	-	-	-			
9.	CSE-DS	01	01	02	-	-	-	-	-	-	-	-	-			

NA

Research Guide Details**Region & College Code:**

1	C	D
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Name of the College: Cambridge Institute of Technology**Department of:** Mechanical Engineering

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
1	Dr. Suneel Kumar N Kulkarni	ME/CITECH	08	05	02	02	10	07	
2	Dr.S.Shankar	ME/CITECH	02	-	-	-	02	-	

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
FROM 01-04-2024 TO 31-03-2025**

Name of the College: Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	-	15	00	00	00	00	

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024 TO 31-03-2025)

Name of the College : Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	-	-	-	-	-

For the year-2024-2025

Region & College Code:

1	C	D
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**RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Dr. Suneelkumar N kulkarni	Mechanical Engineering	Parametric Study of Arbtrary Crack Using Finite Element Software.	-	National	
2	Dr. Sreenivas S	Mechanical Engineering	Fabrication of Burner Rig and Testing of Thermal Barrier Coatings.	-	National	
3	Dr. Sreenivas S	Mechanical Engineering	Characterization of Produced Eruca Sativa (Taramira) Hydrogenated Renewable Diesel	-	National	
4	Dr. Bharath L	Mechanical Engineering	Results in mechanical properties and wear behaviour of AA6061-Si3N4 composites	-	National	
5	Dr. Arun Kumar. K	Mechanical Engineering	Geographic aspects are constructed and analyzed using navigation canister-sized satellite.	-	National	
6	Dr. Vishwanath Patil	Mechanical Engineering	Parametric Study of Arbtrary Crack Using Finite Element Software.	-	National	
7	Mr. Manjunath T V	Mechanical Engineering	“Investigation on Microstructure and Wear Study on Al-Zn-Mg Alloy Hybrid Composites FabricatedThrough Die Casting Process	-	National	

For the year-2024-2025

8	Mr. Manjunath A.N	Mechanical Engineering	Conceptual design and development of automatic retailing machine	-	National	
9	Mr. Suhas.U	Mechanical Engineering	Optimization of Wear Performance of Cu-Epoxy Composites Using Taguchi Method	-	National	
10	Mr. Gireesh C S	Mechanical Engineering	Axial compression of Al 6061 hallow disc	-	National	
11	Mr. Harish S	Mechanical Engineering	Effect of Hot Rolling on Microstructure and Mechanical Properties of Titanium Carbide Reinforced Copper-based Metal Matrix Composites	-	National	
12	Mr. Harish S	Mechanical Engineering	Improved Support Vector Machine Kernel Utilising Hybrid Evolutionary Techniques for Medical Image classification	-	National	
13	Mr.Santosh Pawan K	Mechanical Engineering	Study on Dry Sliding Wear Behavior and Machine Learning Models for Wear Rate Prediction of Nano Hybrid 2219 MMCs reinforced with n-B4C & MoS2	-	National	
14	Mr.Santosh Pawan K	Mechanical Engineering	Sustainable Lubrication Solutions: Rheological and Tribological Analysis of ZDDP-Enhanced Castor and Cashew Nut Shell Oil Biogenic Greases	-	National	
15	Mr.Santosh Pawan K	Mechanical Engineering	Harnessing Motion: A Review of Wind Energy Harvesting Systems for Electric Vehicles" and "Integration and Testing of a Compact Helical Turbine-Based Energy Harvester in Electric Vehicles	-	National	

Note: Give details in column no. 5 in the following format Journal Name, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01.04.2024 TO 31.03.2025)**

Name of the College : Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	-	-	-	-	-	-

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01.04.2024 TO 31.03.2025)**

Name of the College: Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Mr. Anand Kulkarni	Recent advances in materials joining and manufacturing processes	Moodbidri	27.02.25 to 28.02.25	Deputed	01	-

For the year-2024-2025

Region & College Code:

1	C	D
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**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01.04.2024 TO 31.03.2025)**

Name of the College: Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	-	-	-	-

For the year-2024-2025

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES**

(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025

Name of the College: Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	Dr. S Shankar	AICTE IDEA LAB	2024	AICTE	15 Lakhs	10 Lakhs	
2	Dr. S Shankar	SM And IIOT	2024	AICTE	10 Lakhs	07 Lakhs	

For the year-2024-2025

Registration for the Research programmes

Name of the College: Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	Department	Ph.D.								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1.	Mechanical Engineering	-	-	-	-	-	-	-	-	-

For the year-2024-2025

Award of Ph.D.

Name of the College: Cambridge Institute of Technology

Department of: Mechanical Engineering

Sl. No.	Faculty	Ph.D.								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1	-----	-	-	-	-	-	-	-	-	-

For the year-2024-2025

Research Guide Details

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
NIL									

For the year-2024-2025

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
FROM 01-04-2024 TO 31-03-2025**

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	Nil	9	1	2		1	

For the year-2024-2025

ANNEXURE – XII

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024- TO 31-03-2025)

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
Nil					

For the year-2024-2025

**RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Dr. B G Sujatha	EEE	Automatic Detection of Pot holes and humps on Roads and Alerting Drivers	GRV, Volume 10, Issue 8 0363-8057, August 2024	International Journal	Published
2	Archana K	EEE	Solar Wireless Electric Vehicle Charging System	IJCRT, 2320-2882, May/2024	International Journal	
3	K P Shivamurthy	EEE	Optimal Whole Slide Image Segmentation Using Generalized Normal Distribution Optimization	IRJAEH, 2584-2137, May/2024	International Journal	Published
4	Madhushree R	EEE	Wireless Charging of Electrical Vehicle on Road	IJCRT, 2320-2882, May/2024	International Journal	Published
5	V K Gupta	EEE	Perspective of Electrochromic Double layer Towards Enrichment of Electrochromism	Springer, 1678-4448, April/2024	International Journal	Published
6	K P Shivamurthy	EEE	Optimal strategy for transition into nearly zero energy residential buildings: A case study	Elsevier, August/2024	International Journal	Published
7	K G Nagaraja	EEE	Circulating Current mitigation for renewable-based modular	Springer, January/2025	International Journal	Published

For the year-2024-2025

			seven-level converter using deep learning optimized fractional order proportional resonant controller			
8	Dr. P Harish Kumar Sunil Kumar P	EEE	Techno-economic optimization and sensitivity analysis of off-grid hybrid renewable energy systems: A case study for sustainable energy solutions in rural India	Scopus, ESCI, SCI, 6.0 impact fact/,January/2025	International transaction on Electrical Engineering System	Published
9	Dr. P Harish Kumar	EEE	An Overview of Remaining Useful Life Prediction of Battery Using Deep Learning and Ensemble Learning Algorithms on Data-Dependent Models	Scopus, SCI, Web of Science, 1.9 Impact fact/January/2025	International Journal	Published
10	V K Gupta	EEE	Versatility of various tungsten oxide nanostructures towards fostering electro chromic state of the art -	Scopus, SCI /Feb-2025	International Journal	Published

**Note: Give details in column no. 5 in the following format
JournalName, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]**

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01.04.2024 TO 31.03.2025)**

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Name of the Conference/ workshop/ seminar/ guest lecture etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	Workshop on “ Machine Learning and its applications	03/07/2024 - 05/07/2024	-	-	45	
2	Workshop on “ Robotics and its applications”	03/07/2024 - 05/07/2024	-	-	59	
3	Seminar on “ Startup engineering”	05/12/2024	-	-	68	
4	Seminar on “ Ace your interview at ease”	30/12/2024	-	-	58	
5	Seminar on “ The evolution of Flight “	13/02/2025	-	-	68	
6	Seminar on “Exploring career options and opportunities”	24/04/2025	-	-	50	
7	Expert lecture on “ Recent trends in Battery energy modules”	23/04/2025	-	-	60	
8	Expert Lecture on “ Introduction to power electronics”	12/04/2025	-	-	50	
9	Guest Lecture on “ Power sector at a glance - All India”	08/04/2025	-	-	263	
10	Seminar on “ Hands on Latex”	02/04/2025	-	-	58	

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01.04.2024 TO 31.03.2025)**

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Name of the Teacher	Name of the Conference/ Workshop / Seminar.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Madhushree R	FDP on “ Electric Vehicle Technology Integration and its Challenge”	Acharya Institute of Technology, Bengaluru	12/08/24-17/08/24	Deputed		
2	K G Nagaraja	FDP on “ Electric Vehicle Technology Integration and its Challenge”	Acharya Institute of Technology, Bengaluru	12/08/24-17/08/24	Deputed		
3	K P Shivamurthy	FDP on “ Power Electronics Applications in Microgrid using AI”	Jain deemed to be university	09/12/24-14/12/24			
4	Archana K	FDP on “ Power Electronics Applications in Microgrid using AI”	Jain deemed to be university	09/12/24-14/12/24			
5	Mohandas R	FDP on “ Power Electronics Applications in Microgrid using AI”	Jain deemed to be university	09/12/24-14/12/24			
6	Madhushree R	FDP on “ Power Electronics Applications in Microgrid using AI”	Jain deemed to be university	09/12/24-14/12/24			
7	Dr. P Harish kumar	FDP on “Energy and Electric vehicles in India : Opportunities , challenges and futures”	Meenakshi Sundarajan Engineering College	27/01/25-01/02/25			

For the year-2024-2025

8	Sunil Kumar P	FDP on “Energy and Electric vehicles in India : Opportunities , challenges and futures”	Meenakshi Sundarajan Engineering College	27/01/25-01/02/25			
9	Rashmi G	Workshop on “ Artificial Intelligence for Science and Engineering”	National Institute of Technology , Nagaland	17/02/25-22/02/25			
10	Dr. P Harish Kumar	Workshop on “ Artificial Intelligence for Science and Engineering”	National Institute of Technology , Nagaland	17/02/25-22/02/25			
11	Rashmi G	Workshop on “FPGA realization of intelligent controllers: An industrial perspective”	Nitte Meenakshi Institute of Technology	10/02/25 - 15/02/25			

For the year-2024-2025

Region & College Code:

1	C	D
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**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01.04.2024 TO 31.03.2025)**

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	2	3	4	5
01	Guruprasad	Smart Meters used for Electrical Parameters	High Voltage Engineering	28 June 2024
02	Ashwath Reddy	Design of Solar panel for domestic application	Renewable Energy Sources	13 July 2024
03	Sidharth VK	What Powers Ather	Electric Vehicle	24 Sep 2024
04	Dr. Marshal R	National Cyber Security Awareness	Cyber security	23 Oct 2025

For the year-2024-2025

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1				Nil			

For the year-2024-2025

Registration for the Research programmes

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Department	Ph.D								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1.	EEE	1								1

Region & College Code:

1	C	D
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Award of Ph.D.

Name of the College: Cambridge Institute of Technology

Department of: Electrical & Electronics Engineering

Sl. No.	Faculty	Ph.D.								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1										Nil

For the year-2024-2025

ANNEXURE – IV

Research Guide Details

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Name	VTU		Other University		Total no. of Candidates		Signature of HOD
		Department / Research Centre	No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	
1	Prof. Vinay Kumar s		MVJCE					
2	Prof. Prof. Murali Mohan M.V		East West college of Engineering					
3	Prof. Aruna.T				Bangalore university			
4	Prof. Sreevidya Raman S				Dr. MGR Educational & Research Institute			
5	Prof. Aryasree Madhukumar		MSRIT, Bangalore					
6	Prof. Vinitha Dsouza				MIT, Bangalore			

For the year-2024-2025

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
FROM 01-04-2024 TO 31-03-2025**

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	1	6	2		4	3	16

For the year-2024-2025

ANNEXURE – XII

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024- TO 31-03-2025)

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	Disinfection Of Public Water Supplies Using Chloramines	Dr. Shankar B.S Sreevidya Raman S Mohammed Bilal	2024	Amazon Asia-Pacific Holdings Private Limited.	1

For the year-2024-2025

Region & College Code:

1	C	D
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**RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Shankar B. S & Sreevidya Raman S	CV	Manifestation, Estimation and Control of Ferric Iron in Groundwater- A Case Study	Volume 10 Issue 11 ISSN: 2349-6002	International Journal Of Innovative Research In Technology	
2	Dr. Channabasavaraj.W	CV	Utilisation of reservoir sediments for engineering applications	Volume 178 Issue 2, April, 2025, pp. 51-66, October 29, 2024	Waste and Resource Management (ICE)	
3	Prof. Aryasree Madukumar	CV	Evaluation Of Compressive Strength Of Slag Concrete With Artificial Intelligence And Machine Learning Techniques	Volume 6 , Issue -15 (2024)	African journal of biological Sciences	
4	Prof. Vinitha Dsouza	CV	Experimental Investigations On Recycled Concrete With Flyash And Rca experimental Investigations On Recycled Concrete With Flyash And Rca	54(2):2860-2866, 2025	Journal of Cuestiones de Fisioterapia	
5	Prof. Aruna.T	CV	Comparative study of piled raft foundation on sand	Volume 12, Issue 5 May 2024 ISSN: 2320-2882	International journal of Creative Research Thoughts	
6	Sreevidya Raman S & Shankar B. S		Use of High Lignin Ash in Bio Concrete by Partial Replacement of Cement	Volume 11, Issue 4, April 2024,	Journal of Emerging Technologies and Innovative Research	

**Note: Give details in column no. 5 in the following format
JournalName, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]**

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01.04.2024 TO 31.03.2025)**

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	National Conference on Advances in Computing, Communication and Recent Trends in Technology	3 rd & 4 th May 2024			768	

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01.04.2024 TO 31.03.2025)**

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Prof. Vinay Kumar S	Gunavatta Yatra NABL Accre	SJCIT, Chikkaballapur	18 th March 2025	Attended	-	1 days (FDP)
2	Prof. Abhilash R	Artificial Intelligence in satellite image processing & Application	Online	20 th to 25 th Jan 2025	Attended	-	6 days (ATAL FDP)
3	Prof. Abhilash R	Electric vehicle & charging Station Technology for Sustainable development	Online	13 th to 18 th Jan 2025	Attended	-	6 days (ATAL FDP)
4	Prof. Abhilash R	Climate change & its Impact on Disaster frequency	Online	6 th to 11 th Jan 2025	Attended	-	6 days (ATAL FDP)
5	Prof. Yashwanth Kumar S S	Climate change & its Impact on Disaster frequency	Online	6 th to 11 th Jan 2025	Attended	-	6 days (ATAL FDP)
6	Prof. Yashwanth Kumar S S	Sustainable water and waste management	Online	23 RD TO 28 TH SEP 2024	Attended	-	6 days (ATAL FDP)
7	Prof. Yashwanth Kumar S S	Advanced in new age alloy and composites with AIML and 3D printing	Online	7 th to 9 th feb 2025	Attended	-	3 days (Int ATAL FDP)
8	Prof. Vinay Kumar S	Bridging Academia & Innovation: Research proposals & Patent Processes	SJCIT, Chikkaballapur	29 th to 31 st Jan 2025	Attended	-	3 days (FDP)

For the year-2024-2025

9	Prof. Murali Mohan M V	Bridging Academia & Innovation: Research proposals & Patent Processes	SJCIT, Chikkaballapur	29 th to 31 st Jan 2025	Attended	-	3 days (FDP)
10	Dr. Channabasavaraj Wollur	Conference	BGSIT, Bangalore	20 th Sep 2024	Attended	-	1 Day
11	Dr. Channabasavaraj Wollur	One day conference on Research Methodology & IP rights	BGSIT, Bangalore	20 th Sep 2024	Attended	-	1 Day
12	Prof. Aruna T	Five days FDP on BIM , medini Technology	VTU Regional office, Nagarbhavi, Bangalore	5 th to 9 th Aug 2024	Attended	-	5 days (FDP)
13	Dr.Shankar B.S	International Conference on Sustainable Environment and Civil Engineering	Online, Chennai	27 th -28 th March 2025	Attended	1	2 Days
14	Prof.Sreevidya Raman. S					1	
15	Prof. Vinay Kumar S					1	
16	Prof. Yashwanth Kumar S					1	
17	Prof. Murali Mohan M V					1	
18	Prof..Meghana.K.H					1	
19	Prof. Aryasree Madhukumar					1	
20	Prof. Vinitha Dsouza					1	
21	Prof. Muragendra Naik					1	
22	Prof..Meghana.K.H	NPTEL FDP on “Availability and Mangement of Groundwater Resources”	Online	July to Oct 2024	Attended	-	12 weeks
		ATAL FDP on” Navigating Climate Variability and Disaster, Disaster Preparedness, Resilience and Mitigation “	Online	28-01-2025 to 03-02-2025	Attended	-	5 days

For the year-2024-2025

Region & College Code:

1	C	D
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**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01.04.2024 TO 31.03.2025)**

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	Nil			

For the year-2024-2025

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	Prof. Abhilash R, Prof. Aruna T	Enhancing Traffic Efficiency and Simulation through Advanced Civil Engineering Design	2025	KSCST	Rs. 5000		

For the year-2024-2025

Registration for the Research programmes

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Department	Ph.D								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1.	Civil Engineering	1	3					1	1	

For the year-2024-2025

Award of Ph.D.

Name of the College: Cambridge Institute of Technology

Department of: Civil Engineering

Sl. No.	Faculty	Ph.D.								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1		Nil								

For the year-2024-2025

ANNEXURE – IV

Research Guide Details

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
1	Dr. Shanthi S R	Mathematics	1	1			1	1	1
2	Dr. Pushpalatha L	Physics	1				1		2

For the year-2024-2025

ANNEXURE – XI

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
FROM 01-04-2024 TO 31-03-2025**

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	3	10	8		55	Nil	

For the year-2024-2025

ANNEXURE – XII

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024- TO 31-03-2025)

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	Strategic Integration of WASPAS method for effective traffic management and congestion control	Dr. Manoj Kumar C	2025	IGI	
2	B.E Mathematics-I	Dr. Aravind H R	2025	Sunstar Publisher	
3	Applied Physics for CSE Stream	Prof. Sudhakar S	2024	Sunstar Publisher	

For the year-2024-2025

Regio& College Code:

1	C	D
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**RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Dr. Manoj Kumar	Mathematics	Numerical Investigation of heat and mass transfer of SWCNT/MWCNT-water suspension over a porous stretching sheet-using sisko fluid model		Heat transfer, Vol.104, 12, e202300573, 21 st OCT 2024	
2	Dr. Rekha J	Mathematics	Significance of waste discharge concentration on the fluid flow over a squeezing porous slider: solution by improved residual power series method		Pramana Indian Academy of Sciences, 99(3), Feb 2025	
3	Dr. Rekha J	Mathematics	Chemically Reactive Non Newtonian fluid flow through a vertical micro channel with activation energy impacts: A numerical investigation		Advances in Mechanical Engineering, 16(7), 1-17, 2024	
4	Dr. Akkanagamma	Mathematics	Combined impact of temperature - dependent heat source and gravity fluctuation on the onset of darcy-brinkman reaction convection in an anistropic porous layer		Journal of mines, metals and fuels, 73(2), 356-376, Feb 2025	

For the year-2024-2025

5	Dr. J. Kavitha	Mathematics	Decision Support model for Crop selection through Analytical Hierarchy Process		Journal of Computational Analysis and Applications VOL. 33, NO. 7, Oct 2024, 29-37.
6	Dr. J. Kavitha	Mathematics	Biodegradable Plastics from Mango Seed Starch for Sustainable Food Packaging-Effect of Citric Acid and Fillers	4	Chemistry Select 2024, 9, 1-11, June 2024
7	Dr. Suma S P	Mathematics	Combined impact of temperature - dependent heat source and gravity fluctuation on the onset of darcy-brinkman reaction convection in an anisotropic porous layer		Journal of mines, metals and fuels, 73(2), 356-376, Feb 2025
8	Prof. Mamatha V	Mathematics	The Role of Viscous Dissipation and Gravity Variations on the Onset of Convection in a Porous Layer with Through flow and a magnetic Field		Heat Transfer, 14(2), March 2025
9	Dr. Priyanka M	Physics	Effect of terbium Concentration on green emission and super capacitance properties of zing chromite nanoparticles		Inorganic Chemistry Communications, Volume 173,Pages 113776, Dec 2024
10	Dr. Priyanka M	Physics	Investigation of structural and electro chemical properties of Triphala-ZnO nano composite synthesized via green methodology for super capacitor applications		Ionics, Volume31, Issue 2, Pages 2123-2135, Dec 2024
11	Dr. Priyanka M	Physics	Enhanced red luminescence, Judd–Ofelt intensity parameters and super capacitor properties of Europium doped zinc chromite nano particles synthesized via green mediated combustion route		Applied Physics A 131(6), Volume 131, 418, (2025)

**Note: Give details in column no. 5 in the following format
JournalName, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]**

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	Next Gen Semi conductor Device and Smart Computing Applications Dr. Pushpalatha L	20-21 Dec 2024	College	-	70	
2	Seedbrains3.0 Dr. Pushpalatha L	12 th July 2024	College	-	100	

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Dr. Varnana M Kumar	Astro physical dustices insight from Recent Telescopes	Physical Research Laboratory, Ahmedabad	10 th march 2025	Deputed	-	
2	Dr. Varnana M Kumar	Two days international workshop on learning science with fun	Haryana	3-4 Feb 2025	Deputed	-	
3	Dr. Varnana M Kumar	Workshop on Advanced drone technology	Online	24 th Nov 2024	Deputed	-	
4	Dr. Varnana M Kumar	Conference on Space Science and Plasma Physics	Bharat Madha College, Kerala	8-9 oct 2024	Deputed	01	
5	Dr. Varnana M Kumar	FDP on Recent Advances in functional materials and Characterization	SRM Institute of Science and Technology	25-30 Nov 2024	Deputed	-	
6	Dr. Varnana M Kumar	FDP on Advanced Materials for energy environmental and biological applications	SRM Institute of Science and Technology	4-9 Nov 2024	Deputed	-	
7	Dr. Manoj Kumar C	International conference on computational mathematics in the era of data science and	Dayananda Sagar college of engineering,	21-22 February 2025	Deputed	-	

For the year-2024-2025

		artificial intelligence	Kumarswamy Layout, Bangalore				
8	Dr. Manoj Kumar C	International conference on advances in fluid dynamics	Saptagiri NPS university, Bangalore	21-22 March 2025	Deputed	-	
9	Prof. Neelima	Workshop on leveraging data to drive innovation and enhance decision making	Center for data analytics and research, chennai	8-9 Oct 2024	Deputed	-	
10	Prof. Neelima	FDP on innovative teaching pedagogy for effective class room management	Sairam institute of management studies, chennai	10-18 Feb 2025	Deputed	-	
11	Prof. Neelima	Workshop on conceptual model and measurement of variables	Center for data analytics and research, chennai	25 oct 2024	Deputed	-	
12	Prof. Neelima	FDP on development program on emerging techniques in research	Center for data analytics and research, chennai	2-7 Feb2025	Deputed	-	
13	Prof. Neelima	FDP on capacity building programs on leveraging AI for efficient thesis writing	Anna university	10-14 Feb2025	Deputed	-	
14	Dr. Padmavathy N	NPTEL on thin film Technology	Swayam, Skill India	July-October 2024	Deputed	-	
15	Dr. Padmavathy N	FDP on thin film Technology	Swayam, Skill India	October 2024	Deputed	-	
16	Dr. Padmavathy N	Two week online refresher course on materials for energy and sustainability	MMTTC-UGC	4-18 Nov 2024	Deputed	-	
17	Dr. Padmavathy N	Foundation course on nano science and technology - ELE/N6105 NSQF Level 6	IISC, Bangalore	60hrs, Nov 2024 to June 2024.	Deputed	-	
18	Dr. J. Kavitha	International Conference on Physics and Chemistry of Materials	Graphic ERA Deemed University, Dehradun, Uttarakhand	20-22 th February 2025	Deputed	01	
19	Dr. J. Kavitha	FDP on research methodology & Research article and Proposal Writing	CIT	15-16 april 2024	Deputed	-	-

For the year-2024-2025

20	Dr. J. Kavitha	One week FDP on Teaching Learning Process - OBE and Life Skills.	CIT	25-31 st July 2024	Deputed	-	-
21	Dr. J. Kavitha	Seminar on Mathematical modelling in image processing	Dr. M. G. R university	23 rd April 2024	Deputed	-	-
22	Dr. J. Kavitha	Seminar on QSPR Analysis of medical drugs by involving Topological indices	Dr. M. G. R university	5 th March 2024	Deputed	-	-
23	Dr. Akkanagamma	FDP on recent frontiers in pure and applied mathematics	Kongunadu arts and science college	11-15 Nov 2024	Deputed	-	-
24	Dr. Akkanagamma	Webinar on introduction to quantitative research methodology	Scientific research and innovation	12 th Nov 2024	Deputed	-	-
25	Dr. Akkanagamma	Expert talk on sudoku number of a graph	SRM institute of science and Technology, chennai	31 st May 2025	Deputed	-	-
26	Prof. Geetha C	FDP on quantum computing and its applications	AICTE FDP	9-14 Dec 2024	Deputed	-	-
27	Prof. Geetha C	International FDP on advanced materials for energy, environmental and biological applications	SRM institute of science and Technology, Tiruchirapalli	4-9 Nov 2024	Deputed	-	-
28	Prof. Geetha C	Workshop on current trends in advanced technologies	Vijaya college	18-22 Nov 2024	Deputed		
29	Mr. Vinay Prasad	One week FDP on Teaching Learning Process - OBE and Life Skills.	CIT	25-31 st July 2024	Deputed		
30	Mr. Madhu	One week FDP on	CIT	25-31 st July 2024	Deputed		

For the year-2024-2025

		Teaching Learning Process - OBE and Life Skills.					
31	Mr. Madhu H K	Emerging Fuels and Technologies in Transport Sector	AICTE	16-21 Nov 2024	Deputed	-	
32	Dr. Aravind H R	Graph Theory and Optimization Techniques	Ramaiah Institute of Technology	23-28 Sep 2024	Deputed	-	
33	Dr. Shanthi S R	One week FDP on Teaching Learning Process - OBE and Life Skills.	CIT	25-31 st July 2024	Deputed	-	
34	Prof. Vishalakshi C R	FDP on Emerging topics in Applied Science	Srinivas Institute of Technology, Mangalore	4-8 Feb 2025	Deputed	-	
35	Prof. Vishalakshi C R	Workshop on Statistics with excel session	Online	8-9 Mar 2025	Deputed	-	
36	Prof. Vishalakshi C R	Webinar on Foundation of Analytics: Exploring the power of open source tools for data insights	Scientific research and innovation	5 th Nov 2024	Deputed	-	
37	Prof. Vishalakshi C R	Webinar on introduction to quantitative research methodology	Scientific research and innovation	12 th Nov 2024	Deputed	-	
38	Prof. Vishalakshi C R	Webinar on the strategy of journal selection and submission	Scientific research and innovation	24 th Dec 2024	Deputed	-	
39	Prof. Vishalakshi C R	Webminar on Scientific writing and publishing by springer nature	VTU	19 th Feb 2025	Deputed	-	
40	Prof. Vishalakshi C R	One week FDP on Teaching Learning Process - OBE and Life Skills.	CIT	25-31 st July 2024	Deputed	-	

For the year-2024-2025

41	Dr . Suma S P	One week FDP on Teaching Learning Process - OBE and Life Skills.	CIT	25-31 st July 2024	Deputed	-	
42	Prof . Ambika H V	Webinar on Foundation of Analytics: Exploring the power of open source tools for data insights	Scientific research and innovation	5 th Nov 2024	Deputed	-	
43	Prof . Ambika H V	Workshop on Statistics with excel session	Online	8-9 Mar 2025	Deputed	-	
44	Prof . Ambika H V	Webinar on Scientific writing and publishing by springer nature	VTU	19 th Feb 2025	Deputed	-	
45	Prof . Ambika H V	FDP on Emerging topics in Applied Science	Srinivas Institute of Technology, Mangalore	4-8 Feb 2025	Deputed	-	
46	Dr. Pushpalatha L	FDP on Advancement in Material Science	KPR Institute of Engineering and Technology, Coimbatore	20-24 Jan 2025	Deputed	-	
47	Dr. Pushpalatha L	FDP on Quantum Computing: Pioneering Innovations in Modern Computer Technology	ATAL	9-14 Nov 2024	Deputed	-	
48	Dr. Pushpalatha L	One week FDP on Teaching Learning Process - OBE and Life Skills.	CIT	25-31 st July 2024	Deputed	-	
49	Dr. Pushpalatha L	FDP on research methodology & Research article and Proposal Writing	CIT	15-16 april 2024	Deputed	-	
50	Dr. Priyank M	Conference on Frontiers in material science and	SRM TRP Engineering	5-6 th Dec 2024	Deputed	-	

For the year-2024-2025

		Technology: Energy, Environment and Sustainable Development	College, Thiruchirapalli				
51	Dr. Priyank M	Conference on recent trends in energy harvesting	Madanapalli Institute of Technology, AP	23-25 Sep 2024	Deputed	-	
52	Dr. Priyank M	Workshop on Sophisticated Instrumentation Techniques	VIT-AP University	17-21 March 2025	Deputed	-	
53	Prof. Sudhakar S	FDP on Quantum Computing: Pioneering Innovations in Modern Computer Technology	ATAL	9-14 Nov 2024	Deputed	-	
54	Prof. Sudhakar S	One week FDP on Teaching Learning Process - OBE and Life Skills.	CIT	25-31 st July 2024	Deputed	-	
55	Prof. Sudhakar S	FDP on Research Problems, Recent Trends and Future Perspectives of AI in image processing-Tools, Techniques and applications	ATAL	6-11 th Jan 2025	Deputed	-	

For the year-2024-2025

ANNEXURE – XVI

Region & College Code:

1	C	D
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**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	Dr. Raveendra R S Associate Professor Department of Chemistry SVIT, Bangalore	Empowering Indian youth for global leadership in science and innovation for viksit bhara	Nanomaterials	28-02-2025
2	Ms. Nethra S Pillai Scientist/Engineer, URSC(ISRO), Bangalore	Moon in X-rays Perspective from CLASS on Chandrayaan --2	Astrophysics	8-11-2024
3	Dr. Chandrasekara G Professor Department of Mathematics BMS College of Engineering, bangalore	Applications of Mathematical Modelling in Engineering Sream	Modelling	13-12-2024
4	Dr. Dinesh P A Professor and Deputy CoE Department of Mathematics MSRIT, Bangalore	Importance of Magic Squares and partition of numbers	Nanofluids	8-6-2024
5	Dr. V. Krishnamurthy, CIT	Green Chemistry	Neuroscience	15 th Nov 2024
6	Prof. Manjula Nellore and Prof. Pallavi Bohra	Food Adulteration and Preventive measures	Medical Biology	07-06-2024

For the year-2024-2025

ANNEXURE – XVII

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
NIL							

For the year-2024-2025

Registration for the Research programmes

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Department	Ph.D								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
01	Humanities (Prof. Neelima)	-	1	-	-	-	-	-	-	1
02	Basic Sciences (Prof. Vishalakshi C R)	-	-	-	-	-	-	-	1	1

For the year-2024-2025

Award of Ph.D.

Name of the College : Cambridge Institute of Technology

Department of: Basic Science

Sl. No.	Faculty	Ph.D.								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1	Dr. Meghashree G R		1	-	-	-	-	-	-	1
2	Dr. Priyanka M	-	-	-	-	-	-	-	1	1
3	Dr. Manoj Kumar	-	-	-	-	-	-	-	1	1

For the year-2024-2025

ANNEXURE – IV

Research Guide Details

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
1	Dr. Shashikumar D.R	Sir. C.V. Raman Centre for Research in Computing	11	5	-	-	11	5	
2	Dr. Sathyanarayan Reddy K	Sir. C. V. Raman Centre for Research in Computing	8	7	-	-	8	7	
3	Dr. Josephine Prem Kumar	Sir. C. V. Raman Centre for Research in Computing	11	3	-	-	10	3	
4	Dr. Varalatchoumy	Sir. C. V. Raman Centre for Research in Computing	4	-	-	-	2	-	
5	Dr. Chandrashekar D.K.	Sir. C. V. Raman Centre for Research in Computing	2	-	-	-	2	-	
6	Dr. Louis Antony Piriya Kumar	Sir. C. V. Raman Centre for Research in Computing	1	-	-	-	-	-	
7	Dr. Jayanthi M.G.	Sir. C. V. Raman Centre for Research in Computing	4	-	-	-	-	-	
8	Dr. Preethi S.	Sir. C. V. Raman Centre for Research in Computing	1	-	-	-	-	-	
9	Dr. Priyanka R	Sir. C. V. Raman Centre for Research in Computing	0	-	-	-	-	-	
10	Dr. Loganathan D	Sir. C. V. Raman Centre for Research in Computing	1	-	-	-	-	-	
11	Dr. Yashaswini	Sir. C. V. Raman Centre for Research in Computing	1	-	-	-	-	-	
12	Dr. Shilpa V.	Sir. C. V. Raman Centre for Research in Computing	2	-	-	-	-	-	
13	Dr. Sandeep Kumar	Sir. C. V. Raman Centre for Research in Computing	0	-	-	-	-	-	
14	Dr. Priyanka Desai	Sir. C. V. Raman Centre for Research in Computing	0	-	-	-	-	-	

For the year-2024-2025

ANNEXURE – XI

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES / SEMINARS ATTENDED / CONDUCTED ETC
FROM 01-04-2024 TO 31-03-2025**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	2	24	30	0	58	10	NIL

For the year-2024-2025

ANNEXURE – XII

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	AI with cloud computing	Onkar Kumar, Urmila, Rathi Devi, Lakshmi Shree MS	2024	Scientific International Publishing House	
2	Internet of Things (IoT) in Bioelectronics (Book Chapter)	M. Poorani, C. Christlin Shanuja, Aparna N	2025	Wiley-Scrivener	

For the year-2024-2025

Region & College Code:

1	C	D
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**RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Dr. Sandeep Kumar	Computer Science & Engineering	Exploring Quantum Clustering Algorithms for Document Clustering	Strad Research, Vol.11, Iss.7, 45474, Orpheus Publications Ltd.	International	Jul-24
2	Dr. Varalatchoumy M, Rajesh Kumar S.	Computer Science & Engineering	Advanced Vehicle Collision Detection and Prevention System	International Research Journal of Engineering and Technology (IRJET), Vol.11, Iss.7, 45474, IRJET	International	Jul-24
3	V.Sonia Devi	Computer Science & Engineering	The Deep Learning Based Epileptic Seizure Detection Using 2-layer Convolutional Network with Long Short-Term Memory	International Journal of Intelligent Engineering & Systems, Vol.17, Iss.6, September 16, 2024., Intelligent Networks and Systems Society	International	September 16, 2024.
4	Priyadarshini Mayigowda,	Computer Science & Engineering	Skin Multi Class Cancer Classification Using ResXceptNet with Layer Wise Integration	International Journal of Intelligent Engineering & Systems, Vol.17, Iss.6, September 16, 2024., Intelligent Networks and Systems Society	International	September 16, 2024.
5	Dr. Vasantha M, Dr. GirijaV	Computer Science & Engineering	Hadoop Data Locality Performance Enhancement in Heterogeneous Computing Environment	GIS SCIENCE JOURNAL, Vol.12, Iss.5, September 2024., Wichmann, VDE	International	September 2024.
6	GirijaV,	Computer Science & Engineering	Integration of blockchain with hybrid lightweight	Multimedia Tools and Applications, Vol., Iss., 45588, Springer Nature	International	23-Oct-24

For the year-2024-2025

7	Dr. Josephine Prem Kumar	Computer Science & Engineering	Deep ensemble architectures with heterogeneous approach for an efficient content-based image retrieval	International Journal of Artificial Intelligence IAES, Vol.13, Iss.4, 45627, Institute of Advanced Engineering and Science (IAES)	International	Dec-24
8	Mamatha S, Dr. Josephine Prem Kumar	Computer Science & Engineering	A Survey on Methodologies Available for Predicting the Recurrence of Breast Cancer Post Treatment	International Journal of New Innovations in Engineering and Technology, Vol.25, Iss.4, 45627, The Board of International Journal of New Innovations in Engineering and Technology	International	Dec-24
9	Aparna N, Swathy J	Computer Science & Engineering	A systematic Overview of Image Enhancement using Deep Learning Techniques	Gradiva Review Journal, Vol.11, Iss.1, 45658, Gradiva	International	Jan-25
10	Pushplata Dubey, Dr. Sashikumar D R	Computer Science & Engineering	A Survey: Video Summarization using Deep Learning Techniques	Gradiva Review Journal, Vol.11, Iss.2, Feb 2025, GR JOURNAL	International	Feb 2025
11	Sonia Devi Vaithilingam	Computer Science & Engineering	Stress and Depression Classification in Social Media using Contextual Knowledge Attention based Gated Recurrent Network	International Journal of Intelligent Engineering & Systems, Vol.18, Iss.3, February 6, 2025., Intelligent Networks and Systems Society	International	February 6, 2025.
12	Dr. Yashaswini S, Dr. Jayanthi M G	Computer Science & Engineering	Leveraging Deep Learning Techniques for Hate Speech Identification	Journal of Xidian University, Vol.19, Iss.2, February 6, 2025., Science Press	International	February 6, 2025.
13	V. Shilpa	Computer Science & Engineering	Energy-Efficient Reliable Data Transmission Using Optimized Cyclone Foraging Strategy in 5G Wireless Sensor Networks	Internet Technology Letters, Vol.8, Iss.2, 45722, Wiley Online Library	International	06-Mar-25
14	Dr. Yashaswini S, Dr. Jayanthi M G	Computer Science & Engineering	Utilizing Webcam Interfaces for Enhanced Human Activity Detection	TSUNEKIBACHI, Vol.20, Iss.1, 45717, TSUNEKIBACHI	International	Mar-25
15	Sneha Prasad V N	Computer Science & Engineering	Smart Commute	Gradiva Review Journal, Vol.11, Iss.3, 45717, Gradiva Review Journal	International	Mar-25
16	Dr. Shreekanth Prabhu, Dr. Radhakrishnan G	Computer Science & Engineering	Chronological Analysis of Rigvedic Mandalas using Social Network Analysis	Computational Intelligence and Machine Learning, Vol., Iss., 45748, Computing & Intelligent Systems, SCRS	International	Apr-25
17	Dr. Josephine Prem Kumar	Computer Science & Engineering	A Novel Scalable Deep Ensemble Learning Framework	International Journal of Artificial Intelligence, Vol.14, Iss.2, 45748,	International	Apr-25

For the year-2024-2025

			for Big Data Classification via MapReduce Integration	Institute of Advanced Engineering and Science (IAES)		
18	Dr. Josephine Prem Kumar	Computer Science & Engineering	Handwritten Text Recognition Using Deep Learning: A CNN-LSTM Approach	International Journal of Intelligent Systems and Applications in Engineering, Vol.4, Iss.1, 45748, IJISAE	International	Apr 2025
19	Dr. Yashaswini S	Computer Science & Engineering	AI-Powered System for Efficient Text Search in Scanned Manuscripts	Strad Research, Vol.12, Iss.4, 45778, Orpheus Publications Ltd.	International	May,2025
20	Dr. Yashaswini S	Computer Science & Engineering	Abnormal Activity Detection in scene using Unsupervised Machine Learning	Adalya Journal, Vol.14, Iss.5, 45778, Adalya Journal	International	May,2025
21	Prof. Rajesh Kumar S	Computer Science & Engineering	Automated Food Recognition and Nutrient Analysis	TANZ RESEARCH JOURNAL, Vol.11, Iss.5, 45778, https://tanzresearch.com - TANZ RESEARCH JOURNAL	International	May,2025
22	Lakshmi Shree M S	Computer Science & Engineering	Improving Cyber Threat Detection with CNN and RNN-Based Intrusion Detection Systems	Journal of Xidian University, Vol.11, Iss.5, May 2025, Xidian	International	May 2025
23	Varalakshmi K V	Computer Science & Engineering	Talking Fingers- An optimized Multimodal Sign Language Recognition and Translation System	Journal of Xidian University, Vol.11, Iss.5, May 2025, Xidian	International	May 2025
24	Madhusmita Behera	Computer Science & Engineering	Stock Price Prediction Using LSTM and Sentiment Analysis	Gradiva Review Journal, Vol.11, Iss.5, 45717, Gradiva Review Journal	International	May-25

Note: Give details in column no. 5 in the following format

JournalName, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]

For the year-2024-2025

**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	Workshop -Mastering Modern Tools: Unix, Python, RPA and Web.	17/09/2024 to 19/09/2024	Cambridge Institute of Technology	Cambridge Institute of Technology	90	-
2	Workshop -Introduction to Devops	03/01/2025	Cambridge Institute of Technology	Cambridge Institute of Technology	20	-
3	International Conference on Next-Gen semiconductor Devices and Smart Computing applications(ICNGSDSCA-24)	20/12/24-21/12/24	Cambridge Institute of Technology	ISTE	101	-
4	Two day National Conference on advances in Computing, Communication and recent trends in technology(ACCRT)-2024	3 & 4 th May, 2024	Cambridge Institute of Technology	CSI	49	-
5	MATLAB-Tech Day	07/05/2025	NIL	ISTE	30	
6	Merit Award Ceremony	12/04/2025	CIT	Cambridge Institute of Technology	100	-
7	Talk on Better Engineering, Transitioning from Campus to the Real-World Tech Industry and Evolving Expectations from Graduate Engineers	09/04/25	NIL	Cambridge Institute of Technology	80	-

For the year-2024-2025

8	Activity and Games-Event by Innov8 Club	20/03/25	CIT	Cambridge Institute of Technology	54	-
9	Hackathon: Generative AI	06/03/25	NIL	Cambridge Institute of Technology	122	-
10	Women in Tech : Breaking Barriers and Shaping the Future	20/02/2025	NIL	Cambridge Institute of Technology	106	-
11	Youth Day Celebration:Swami Vivekandanda Jayanthi	11/02/2025	NIL	Cambridge Institute of Technology	100	-
12	Innovative Student Assessment Techniques	11/02/2025	NIL	Cambridge Institute of Technology	20	-
13	Innovative Student Assessment Techniques	10/02/2025	NIL	Cambridge Institute of Technology	120	-
14	Merit Students Award	17/11/2024	NIL	Cambridge Institute of Technology	70	-
15	Exploring into Embedded System Design Process	26/10/24	NIL	CSI	60	-
16	Competitive Programming To Enhance Problem Solving Skills	26/09/2024	NIL	Cambridge Institute of Technology	70	-
17	Machine Learning And It's Training Data	25/09/2024	NIL	Cambridge Institute of Technology	30	-
18	Infosys Springboard Java Foudation	26/09/2024	NIL	Cambridge Institute of Technology	27	-
19	Infosys Springboard Java Foudation	25/09/2024	NIL	Cambridge Institute of Technology	27	-
20	CHOSS Startup Program	18/09/2024	NIL	Cambridge Institute of Technology	30	-
21	Geometric Deep Learning and Graph Neural Network- FDP	19/06/2024	NIL	Cambridge Institute of Technology	35	-
22	Faculty Development Programme on Teaching Learning Process	19/07/2024	NIL	Cambridge Institute of Technology	35	-
23	Graduate Attributes- FDP	3/07/2024	NIL	Cambridge Institute of Technology	45	-
24	Role of faculty as MentorFDP	28-08-2024	NIL	Cambridge Institute of Technology	40	-
25	A guide to protecting your invention- FDP	23-08-2024	NIL	Cambridge Institute of Technology	40	-
	Content Curation- FDP	14-08-2024	NIL	Cambridge Institute of	35	-

For the year-2024-2025

26				Technology		-
27	Teaching as assessment and assessment as teaching- FDP	7-8-2024	NIL	Cambridge Institute of Technology	35	-
28	Research Domain	28/10/2024	NIL	Cambridge Institute of Technology	32	-
29	Innovative Research and Initiatives @ SAMSUNG SRIB	8-10-2024	NIL	Cambridge Institute of Technology	30	-
30	Faculty Workshop on Innovative Student Assessment Techniques	23/01/2025	NIL	Cambridge Institute of Technology	30	-

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Nidhi Sinha	2nd IEEE Conference on Artificial Intelligence and Quantum Computation - Based Sensor Applications (ICAIQSA-2024)	G H Rasoni College of Engineering and Management, Nagpur	20th and 21st December 2024	Invited	1	NIL
2	Nidhi Sinha	International Conference on “Next-Gen Semiconductor Device and Smart Computing Applications” (ICNGSDSCA-24) - Springer	Cambridge Institute of Technology, Bengaluru	20th and 21st December 2024	Invited	1	NIL
3	Dr. Josephine Prem Kumar	International Conference on “Next-Gen Semiconductor Device and Smart Computing Applications” (ICNGSDSCA-24) - Springer	Cambridge Institute of Technology, Bengaluru	20th and 21st December 2024	Invited	1	NIL
4	Dr. Yashaswini S	International Conference on “Next-Gen Semiconductor Device and Smart	Cambridge Institute of Technology, Bengaluru	20th and 21st December 2024	Invited	3	NIL

For the year-2024-2025

		Computing Applications” (ICNGSDSCA-24) - Springer					
5	Aparna N	SIXTH INTERNATIONAL CONFERENCE ON FUTURISTIC TRENDS IN NETWORKS & COMPUTING TECHNOLOGIES(FTNCT- 06)	GRAPHIC ERA HILL UNIVERSITY, HALDWANI CAMPUS, INDIA	23-24,December 2024	Invited	1	NIL
6	Swathy J	SIXTH INTERNATIONAL CONFERENCE ON FUTURISTIC TRENDS IN NETWORKS & COMPUTING TECHNOLOGIES(FTNCT- 06)	GRAPHIC ERA HILL UNIVERSITY, HALDWANI CAMPUS, INDIA	23-24,December 2024	Invited	NIL	NIL
7	Madhusmita Behara	4th International Conference on Power Energy Environment and Intelligent Control (PEEIC 2024)	G.L. Bajaj Institute of Technology and Management, Greater Noida	24,December 2024	Invited	1	NIL
8	Dr. Josephine Prem Kumar	IEEE sponsored 2025 Fifth International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2025)	Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh	09 - 10, January 2025	Invited	1	NIL
9	Rakesh V S	International Conference on Artificial Application in Architecture, Design, Engineering, and Management (IC-AI- ADEM)	Impact College of Engineering & Applied Sciences (ICEAS)	9, 10 May, 2025	Invited	1	NIL
10	Dr Shilpa V	6th INTERNATIONAL CONFERENCE OF EMERGING TECHNOLOGIES 2025	Jain College of Engineering, Belagavi	22-05-2025	Invited	1	NIL

For the year-2024-2025

11	Aparna N	6th INTERNATIONAL CONFERENCE OF EMERGING TECHNOLOGIES 2025	Jain College of Engineering, Belagavi	22-05-2025	Invited	1	NIL
12	Priyadharshini M	6th INTERNATIONAL CONFERENCE OF EMERGING TECHNOLOGIES 2025	Jain College of Engineering, Belagavi	22-05-2025	Invited	2	NIL
13	Dr. Josephine Prem Kumar	International Conference on Emerging Technologies in Computing and Communication (ETCC)	PES University EC Campus, Bangalore	June 26th-27th 2025	Invited	2	NIL
14	Dr. Josephine Prem Kumar	Pre-Conference Tutorial in International Conference on Next-Gen Semiconductor Device and Smart Computing Applications	Cambridge Institute of Technology, Bangalore	20-12-2024	Invited	NIL	NIL
15	Dr. Josephine Prem Kumar	National Conference on Engineering Innovations in Emerging Technologies (NCEIET-2025)	East Point College of Engineering and Technology, Bangalore	23rd and 24th May 2025	Invited	NIL	As Session Chair
16	Dr. Josephine Prem Kumar	National Conference on Innovation & Technology NCIT-2025)	HKBK College of Engineering, Nagawara, Bangalore	11th and 12th April 2025	Invited	NIL	As Session Chair
17	Dr. Josephine Prem Kumar	FDP on "Next-generation Networks & its Security"	Cambridge Institute of Technology, Bangalore	05/02/2025 to 15/02/2025			NIL
18	Dr. Radhakrishnan G.	2024 3rd International Conference for Advancement in Technology (ICONAT)	Goa, India (Attended online)	September 6-8, 2024	Invited	1	NIL
19	Ms. Priyadharshini M	Pre-Conference Tutorial in International Conference on Next-Gen Semiconductor Device and Smart Computing Applications	Cambridge Institute of Technology, Bangalore	20-12-2024	Invited	NIL	NIL
20	Ms. Priyadharshini M	ICDCECE-2024	IEEE SB Ballari Institute of technology	26-27/4/2024	Participated	1	NIL

For the year-2024-2025

			and management				
21	Ms. Priyadharshini M	FDP on "Next-generation Networks & its Security"	Cambridge Institute of Technology, Bangalore	05/02/2025 to 15/02/2025	Deputed	NIL	NIL
22	Ms. Priyadharshini M	FDP on Building Web Development Solutions with Cloud Computing - FDP	Next Gen Employability Program	09-12-2024 to 13-12-2024	Deputed	NIL	NIL
23	Dr. Girija V.	Fdp on trending technologies open mp big data analytics and IOT	Cambridge Institute of Technology, Bangalore	23-27 June 2025	Participated	Nil	NIL
24	Ms. V.Sonia Devi	Pre-Conference Tutorial in International Conference on Next-Gen Semiconductor Device and Smart Computing Applications	Cambridge Institute of Technology, Bangalore	20-12-2024	Invited	NIL	NIL
25	Ms. V.Sonia Devi	ICDCECE-2024	IEEE SB Ballari Institute of technology and management	26-27/4/2024	Paticipated	1	NIL
26	Ms. V.Sonia Devi	FDP on "Next-generation Networks & its Security"	Cambridge Institute of Technology, Bangalore	05/02/2025 to 15/02/2025	Invited	NIL	NIL
27	Ms. V.Sonia Devi	FDP on Building Web Development Solutions with Cloud Computing - FDP	Next Gen Employability Program	09-12-2024 to 13-12-2024	Invited	NIL	NIL
28	Ms. Shilpa S. B.	Pre-Conference Tutorial in International Conference on Next-Gen Semiconductor Device and Smart Computing Applications	Cambridge Institute of Technology, Bangalore	20-12-2024	Invited	NIL	NIL
29	Ms. Shilpa S. B.	Building Web Development Solutions with Cloud Computing	Next Gen Employability Program	09-12-2024 to 13-12-2024	Participated	Nil	NIL
30	Ms. Sharon Christina	One Week Online Short Term Training Programme (STTP) on "Internet of Things, Cybersecurity & Blockchain Technology"	Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad	30th June to 4th July 2025	Participated	Nil	Nil
31	Ms. Sharon Christina	3 day FEP on Cloud	ASIET, Kalady	30th June to 2nd	Participated	Nil	Nil

For the year-2024-2025

		computing and AI Applications- Industry & Research perspectives and Practices		July 2025			
32	Ms. Maria Kiran L	Empowering Educators:FDP on Trending technologies- Open MP,BDA& IOT	Citech, Bangalore	23rd to 27th June	Participated	Nil	Nil
33	Ms. Vasumathi AK	DevOps for Cloud Native Development : Containers , Kubernetes and CI/CD Pipelines ATAL FDP	Sri Venkateshwaraa College of Engineering and Technology	03/02/2025 to 08/02/2025.	Participated	NIL	NIL
34	Ms. Vasumathi AK	Empowering Educators: FDP on Trending Technologies-OpenMP, Big Data Analytics and Internet of Things	Cambridge Institute of Technology, Bangalore	23rd July to 28th July 2025	Participated	NIL	NIL
35	Ms. Vasumathi AK	Pre-Conference Tutorial in International Conference on Next-Gen Semiconductor Device and Smart Computing Applications ATAL FDP	Cambridge Institute of Technology, Bangalore	20-12-2024	Participated	NIL	NIL
36	Ms. Vasumathi AK	Emergence of Cloud Computing, Cloud Technologies and Recent Trends at ATAL FDP	TECHNO INTERNATIONAL NEW TOWN	13/01/2025 to 18/01/2025.	Participated	NIL	NIL
37	Ms. Vasumathi AK	Integrating Generative AI, Cloud, and Ethical Frameworks for Academia and Research Innovation ATAL FDP	Jagannath International Management School	16/12/2024 to 21/12/2024.	Participated	NIL	NIL
38	Ms. Vasumathi AK	CyberTEA2.0: Cybersecurity Trends and Emerging Application .	IIIT SRI CITY	1-5 NOV 2024	Participated	NIL	NIL
39	Ms. Vasumathi AK	Next-Gen Semiconductor Device and Smart Computing Applications	Cambridge Institute of Technology, Bangalore	20th - 21st Nov 2024	Participated	NIL	NIL
40	Ms. Vasumathi AK	FDP by Viraj Kumar	Citech, Bangalore	March-April	Participated	NIL	NIL

For the year-2024-2025

41	Ms. Vasumathi AK	One-Day Faculty Workshop on MATLAB – Tech Day by MathWorks India	Citech, Bangalore	07/05/2025	Participated	NIL	NIL
42	Ms. Aparna N.	Third International Conference on Augmented Intelligence and Sustainable Systems ICAISS-2025	CARE College of Engineering Tiruchirappalli, Tamil Nadu, India	May 21-23,2025	Presented paper	1	NIL
43	Ms. Aparna N.	AI and Security: Current Trends and Future Research	S J C INSTITUTE OF TECHNOLOGY	20-01-2025 to 25-01-2025	Deputed	Nil	NIL
44	Ms. Aparna N.	Teachng Learning Process-OBE & Life skill	Citech, Bangalore	25-07-24 to 31-07-25	Deputed	Nil	NIL
45	Ms. Aparna N.	Artificial Intelligence and Robotics	Mahaguru institute of technology	15-07-2024 to 19-07-2024	Deputed	Nil	NIL
46	Ms. Aparna N.	Empowering Educators: Open MP,Big Data Analytics & Internet of Things	Citech, Bangalore	23/06/2025 to 27/06/2025	Deputed	Nil	NIL
47	Ms. Aparna N.	FDP by Viraj Kumar	Citech, Bangalore	March-April	Deputed	Nil	NIL
48	Ms. Swathy J.	FDP on Machine Learning Lab for 6th semester VTU	Sai vidya Institute of Technology,Bangalore	05-02-2025 to 08-02-2025	Deputed	Nil	NIL
49	Ms. Swathy J.	FDP on AI and Security: Current Trends and Future Research	S J C INSTITUTE OF TECHNOLOGY	20-01-2025 to 25-01-2025	Deputed	Nil	NIL
50	Ms. Swathy J.	FDP on Artificial Intelligence and Robotics	Mahaguru institute of technology	15-07-2024 to 19-07-2024	Deputed	Nil	NIL
51	Ms. Swathy J.	FDP on Introduction to Machine Learning	NPTEL	July-Oct 2024 (12 Week)	Deputed	Nil	NIL
52	Ms. Swathy J.	FDP on Teachng Learning Process-OBE & Life skill	CiTech,Bangalore	25-07-24 to 31-07-25	Deputed	Nil	NIL
53	Ms. Swathy J.	Fdp on trending technologies open mp big data analytics and IOT	CiTech,Bangalore	23-06-2025 to 27-06-2025	Deputed	Nil	NIL
54	Ms. Swathy J.	FDP by Viraj Kumar	CiTech,Bangalore		Deputed	Nil	NIL
55	Ms. Swathy J.	Generative AI and the Future of Work	Reva University	22-06-2024 to 26-06-2024	Deputed	Nil	NIL
56	Ms. Ramalakshmi	FDP on "cutting edge Generative AI:Techniques	SJBIT	26-08-2024 to 31-08-2024	Participated	NIL	NIL

For the year-2024-2025

		and applications in RAG and Agents					
57	Ms. Ramalakshmi	FDP on "Bio informatics and Algorithms"	SREYAS institute of engineering and technology,hyderabad	19-06-2025 to 21-06-2025	Participated	NIL	NIL
58	Ms. Ramalakshmi	FDP on "Big data and parallel computing	East Point College of Engineering and Technology	30-06-2025 to 07-07-2025	Participated	NIL	NIL

For the year-2024-2025

**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	SAPNA	Design of an Efficient algorithm with an interoperable framework for enhancing security of handheld devices through internet of things (IOT)	Internet of Things (IOT)	29.06.2024
2	Bhasker Rao	Intelligent Predictive Model for Human Behavioral Analysis for Distress Among Social Network Users	Machine Learning	31.05.2024
3	Komaladevi	Enhancing Agriculture Systems Using Internet of Things (IoT)	Internet of Things (IOT)	30.05.2024
4	Komaladevi	Optimized method for prediction and recommendation of crops using Fusion Ensemble Learning Crop Recommendation Model	Internet of Things (IOT)	06.05.2024
5	Komaladevi K	Trend analysis of principal crop production and use of modern Technologies in Agriculture: A case study of state Tamil Nadu	Internet of Things (IOT)	05.02.2024
6	Dr. Jayanthi M G	Samsung Innovation Campus: Probability and Statistics for Machine Learning	AIML	Dec 2024 to Feb 2025
7	Dr. Jayanthi M G	Samsung Innovation Campus: IOT	Internet of Things (IOT)	Aug 2024 to Oct 2024
8	Dr. Yashaswini	Samsung Innovation Campus: Supervised and Non-supervised learning	AIML	Dec 2024 to Feb 2025
9	Lakshmi Shree M S	Samsung Innovation Campus: Mathematics for Machine Learning	AIML	Dec 2024 to Feb 2025
10	Pushplatha Dubey	Samsung Innovation Campus: GITUB	Internet of Things (IOT)	Aug 2024 to Oct 2024

For the year-2024-2025

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS / RESEARCH WORK / AIDED RESEARCH
PROJECTS UNDER NATIONAL / STATE / PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	Dr. Shilpa V	IOT & ML Solution for Smart forming	2024-25	KSCST	4500	6000	

For the year-2024-2025

ANNEXURE – XXII

Registration for the Research programmes

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Department	PhD								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
2.	Computer Science & Engineering	13	24	1	2	-	-	4	5	49

For the year-2024-2025

Award of Ph.D.

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Computer Science & Engineering

Sl. No.	Faculty	Ph.D.								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1	Mr. Nagaraj Lutimath.	1								1
2	Mrs. Hemamalini B H		1							1
3	Ms. Bhagyashree Ambore		1							1
4	Mr. Shivakumar Dalali	1								1
5	Ms. Geetha P.		1							1
6	Ms. Jayanthi M.G.		1							1
7	Ms. Tejaswini N.								1	1
8	Mr. Krishna Kumar P R	1								1
9	Ms. Priyanka R		1							1
10	Mr. Pundalik Chavan							1		1
11	Mr. Manjunatha.S	1								1
12	Ms. Sonia Maria Dsouza		1							1
13	Ms. Shilpa G.V.		1							1
14	Mr. Sandeep Kumar	1								1
15	Mr. Prabhakar B K	1								1
16	Ms. G. S. Sapna		1							1

For the year-2024-2025

ANNEXURE – IV

Research Guide Details

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
1	Dr. Preethi. S	ISE/CSE	1	Nil	Nil	Nil	1	Nil	
2	Dr Loganathan D	ISE/CSE	1	Nil	Nil	Nil	1	Nil	
3	Dr. Karthik P	ISE/CSE	6	1	2	2	8	3	
4	Dr. Bharani B.R.	ISE/CSE	1	Nil	Nil	Nil	1	Nil	
5	Dr.Priyanka Desai	ISE/CSE	Nil	Nil	Nil	Nil	Nil	Nil	

For the year-2024-2025

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	1	15	9	-	93	1	1

For the year-2024-2025

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	Artificial Intelligence Concept and Applications	Dr D Loganathan	April 2024	RK Publications	ISBN 978-81-970228-0-7

For the year-2024-2025

Region & College Code:

1	C	D
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RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Dr Lognathan D	ISE	A Literature Survey—Application of Image Processing for the Effective Diagnosis of Rod Cone Dystrophy Using OCT	Conference paper First Online: 21 December 2024 pp 243–256	SCOPUS	
2	Dr Preethi S Dr Bharani BR Dr Vathsala MK	ISE	IOT Based Mobile Devices for location tracking	ISSN 0039-2049	UGC Group 2	
3	Dr Preethi S Dr Bharani BR Dr Loganathan D Prof Vijayalaxmi Y Dr Jayanthi MG	ISE	Region Classification Using Clustering Based Approach For Forest Fire Disaster Management	DOI:10.37897.GRJ.2023.V10I9.24.5140710	SCOPUS	
4	Dr Karthik P	ISE	Context based ranking strategies for renowned instructional methodologies	https://doi.org/10.1016/j.ibmed.2024.100186	SCOPUS	
5	Dr Karthik P	ISE	Sustainable Energy harvesting system for low power under water sensing devices	ISSN 2502-4752	SCOPUS	

For the year-2024-2025

6	Dr Preethi S	ISE	Drug recommendation system based on sentiment analysis of drug reviews using term frequency and inverse document frequency vectorization and timer support vector machine	ISSN 2269-7195	SCOPUS	
7	Dr Priyanka Desai	ISE	Educational technologies and libraries : supporting online/digital learning with the ASP.NET MVC Framework	DOI:10.4018/979-8-3693-2782-1,ch011	SCOPUS Book chapter	
8	Dr Vathsala MK	ISE	Comprehensive Study of Multilingual Machine Translation Systems	ISSN 0363-8057	SCOPUS	
9	Dr Priyanka R, Dr Bharani BR, Dr Preethi S Dr Jayanthi MG Dr Loganathan D	ISE	A Novel Swift and intelligent approach for revamping shopping experience	International Journal of Computer Applications (0975 – 8887) Volume 186 – No.28, July 2024	Web of Science Volume 186- No.28, DOI: 10.5120/IJCA2024923789	
10	Dr Loganathan D	ISE	Optimizing Efficiency and performance in 5G networks through dynamic resource allocation algorithm frame work	ISSN 2229-6948	UGC	
11	Dr Loganathan D	ISE	Exploring the application of drone technology in the construction Sector	Salud, Ciencia y Tecnología – Serie de Conferencias. 2024; 3:713 doi: 10.56294/sctconf2024713	SCOPUS	

For the year-2024-2025

12	M Shivashankar Adishesha R Hemanth Kumar Jayanthi MG Prashanth kannadaguli D Loganathan	ISE	Image based plant disease classification for management of crop health	IEEE sponsored International Conference on Advances in Electrical, Computing, Computing, Communications and Sustainable Technologies(ICAECT 2024)	International Conference	
13	Dr Bharani BR,	ISE	“UAV-LiDAR Data-Driven Prediction of Tree Species, Volume, and Biomass Using Multispectral Imaging”, First	(IC NGSDSCA-24)	International Conference on Next-Gen Semiconductor Device and Smart computing Applications	
14	Dr Bharani BR, Priyanka Desai, P Karthik, D Loganathan, S Preethi	ISE	“Different Data Cleaning Techniques And Normalization Techniques with Focus on Current Normalization Techniques	(ICAECT 2024), 26 – 27, September 2024.	A Study”, Sixth International Conference on Advances in Electrical and Computer Technologies 2024	
15	Geethu S Kumar	ISE	Unleashing Facial Expression Recognition for Stress Detection Using Deep CNN Model.	https://doi.org/10.1016/j.procs.2025.03.332 01-03-2025	Sixth International Conference on Futuristic Trends in Networks and Computing Technologies (FTNCT06)	

**Note: Give details in column no. 5 in the following format
JournalName, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]**

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	VTU Devops Laboratory: Mastering Automation and collaboration	10th to 14TH FEBRUARY 2025	17000	Cambridge Institute of Technology	45	
2	Technical Writing using LATEX Hands - On	5th to 7th June 2024	2000	Cambridge Institute of Technology	30	
3	BLOCK CHAIN & CYBER SHIELD SECURING THE DIGITAL FUTURE	10th to 11th March 2025	20000	Cambridge Institute of Technology	55	
4	Introduction to devops bootcamp	1st March 2025	2500	Cambridge Institute of Technology	50	
5	Unleash the power of Java: Hands - On	28th to 30th October 2024	1500	Cambridge Institute of Technology	200	
6	NS-2 Workshop	4th to 6th December 2024	1500	Cambridge Institute of Technology	200	
7	The Zeistgeist AI and redefined engineering	28th June 2024	3000	Cambridge Institute of Technology	260	
8	Mastering modern Tech: Unix, Python, RPA & Web Development workshop	17th to 19th Sept 2024	9000	Cambridge Institute of Technology	120	
9	Selenium tool for software testing	27th to 29th June 2024	2000	Cambridge Institute of Technology	205	

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Prof Sudarsanan D	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
2	Prof Raghu P	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
3	Prof Karangula Navya K	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
4	Prof Shoma RS	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
5	Dr Vathsala MK	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
6	Prof Kavya VR	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
7	Prof Santosh M	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP

For the year-2024-2025

8	Prof Tejaaswini E	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
9	Dr Sapna	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
10	Prof Vijayalaxmi Y	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
11	Prof Sudarsanan D	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
12	Prof Raghu P	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
13	Prof Karangula Navya K	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
14	Prof Shoma RS	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
15	Dr Vathsala MK	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
16	Prof Kavya VR	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
17	Prof Santosh M	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
18	Prof Tejaaswini E	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
19	Dr Sapna	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
20	Dr Preethi S	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
21	Dr Bharani BR	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
22	Dr Priyanka Desai	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
23	Prof Mamatha S	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
24	Prof Jayashree N	Technical Writing using LATEX Hands - On	Cambridge Institute of Technology	5th to 7th June 2024	-	-	WORKSHOP
25	Prof Karangula Navya	Generative AI & Its applications with computer vision	Lal bhai dalpathai college of engineering	16th to 21st Dec 2024	-	-	FDP

For the year-2024-2025

26	Prof Jayashree N	Generative AI & Its applications with computer vision	Lal bhai dalpathai college of engineering	16th to 21st Dec 2024	-	-	FDP
27	Prof Anusha B	Generative AI & Its applications with computer vision	Lal bhai dalpathai college of engineering	16th to 21st Dec 2024	-	-	FDP
28	Prof Raghu	Generative AI & Its applications with computer vision	Lal bhai dalpathai college of engineering	16th to 21st Dec 2024	-	-	FDP
29	Prof Karangula Navya	National Level FDP on AI Tools	SEA College	17th to 21st Feb 2025	-	-	FDP
30	Prof Jayashree N	National Level FDP on AI Tools	SEA College	17th to 21st Feb 2025	-	-	FDP
31	Prof Anusha B	National Level FDP on AI Tools	SEA College	17th to 21st Feb 2025	-	-	FDP
32	Prof Raghu	National Level FDP on AI Tools	SEA College	17th to 21st Feb 2025	-	-	FDP
33	Prof Karangula Navya	One week FDP on Deep learning and IOT Driven smart applications	MLR Institute of technology Hyderabad	24th to 29th June 2024	-	-	FDP
34	Prof Jayashree N	One week FDP on Deep learning and IOT Driven smart applications	MLR Institute of technology Hyderabad	24th to 29th June 2024	-	-	FDP
35	Prof Karangula Navya	Next Gen Semiconductor device and smart computing applications	Cambridge Institute of Technology	21st & 22nd Dec 2024	-	1	Cleaved Data Security in cloud of things using paid cryptography
36	Prof Jayashree N	Next Gen Semiconductor device and smart computing applications	Cambridge Institute of Technology	21st & 22nd Dec 2024	-	1	Cleaved Data Security in cloud of things using paid cryptography
37	Prof Anusha B	Next Gen Semiconductor device and smart computing applications	Cambridge Institute of Technology	21st & 22nd Dec 2024	-	1	Cleaved Data Security in cloud of things using paid cryptography
38	Dr Preethi S	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
39	Dr Loganathan D	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
40	Dr Karthik P	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP

For the year-2024-2025

41	Dr Bharani BR	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
42	Dr Priyanka Desai	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
43	Dr Sapna	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
44	Prof Vijayalaxmi Y	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
45	Prof Santosh M	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
46	Prof Mamatha S	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
47	Prof Jayashree N	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
48	Prof Anusha B	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
49	Prof Megha Sharma	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
50	Prof Sudarsanan D	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
51	Prof Shivakumar M	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
52	Prof Raghu P	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
53	Prof Karangula Navya	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
54	Prof Shoma R S	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
55	Prof Kavya V R	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
56	Prof Sunil Kumar K N	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
57	Prof Tejaswini E	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
58	Dr Vathsala M k	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP
59	Prof Geethu S Kumar	Teaching Learning Process- OBE and Life skills	Cambridge Institute of Technology	25th to 31st July 2024	-	-	FDP

For the year-2024-2025

60	Prof Shivakumar M	Next Gen Semiconductor device and smart computing applications	Cambridge Institute of Technology	21st & 22nd Dec 2024	-	-	Organizer
61	Prof Shivakumar M	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	FDP
61	Dr Priyanka Desai	Advance in Computing Communication and recent trends in technology	Cambridge Institute of Technology	3rd & 4th may 2024	-	-	Session Chair
62	Dr Priyanka Desai	Research Methodology and research article and proposal writing	Cambridge Institute of Technology	15th & 16th April 2024	-	-	Participated
63	Prof Geethu S Kumar	Five days FDP on AI and Robotics	Mahaguru Institute of technology	15th & 19th July 2024			FDP
64	Dr Karthik P	Recent Trends in AI, MACHine learning and applications	North Eastern Hill University	18th June to 2nd July 2024			UGC SPONSORED REFRESHER COURSE
65	Prof Geethu S Kumar	Gen AI and the future of work	Reva University	22nd to 26th July 2024			FDP
66	Dr Karthik P	Research Methodology and research article and proposal writing	Cambridge Institute of Technology	15th & 16th April 2024	-	-	Participated
67	Dr Loganathan D	Research Methodology and research article and proposal writing	Cambridge Institute of Technology	15th & 16th April 2024	-	-	Participated
68	Dr Loganathan D	Technology Transfer Commercializing Intellectual properties for a sustainable future	Cambridge Institute of Technology	14th March 2024			International Symposium
69	Prof Dimple S Maurya	Next Gen Semiconductor device and smart computing applications	Cambridge Institute of Technology	21st & 22nd Dec 2024	-	1	Presented Paper
70	Prof Dimple S Maurya	Programming with GenAI	Cambridge Institute of Technology	Jan to June 2025	-	-	FDP
71	Prof Raghu P	Programming with GenAI	Cambridge Institute of Technology	Jan to June 2025	-	-	FDP
72	Prof Sunil kumar KN	Advances in computing communication and recent trends in technology	Cambridge Institute of Technology	3rd to 4th May 2024	-	1	Smart obstacle recognition and voice assistant for blind
73	Prof Sunil Kumar KN	Full stack development using Django	Cambridge Institute of Technology	2nd to 4th April 2024	-	-	FDP
74	Prof Sunil Kumar KN	Next Gen Semiconductor device and smart computing applications	Cambridge Institute of Technology	21st & 22nd Dec 2024	-	1	Pneumonia Detection in Pediatric Patients using Deep Learning
75	Prof Sunil Kumar KN	Programming with GenAI	Cambridge Institute of Technology	Jan to June 2025	-	-	FDP
76	Prof Sunil Kumar KN	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP

For the year-2024-2025

77	Prof Sunil Kumar KN	Next Generation Networks and Security	Electronics and ICT Academy	5th to 15th Feb 2025	-	-	FDP
78	Prof Sudarsnan D	Next Generation Networks and Security	Electronics and ICT Academy	5th to 15th Feb 2025	-	-	FDP
79	Dr Sapna	Next Generation Networks and Security	Electronics and ICT Academy	5th to 15th Feb 2025	-	-	FDP
80	Prof Shoma RS	Next Generation Networks and Security	Electronics and ICT Academy	5th to 15th Feb 2025	-	-	FDP
81	Dr Loganathan D	Next Generation Networks and Security	Electronics and ICT Academy	5th to 15th Feb 2025	-	-	FDP
82	Prof Mamatha S	Next Generation Networks and Security	Electronics and ICT Academy	5th to 15th Feb 2025	-	-	FDP
83	Prof Geethu S Kumar	Sixth International conference on futuristic trends in network & computing Technologies	Graphic era hill university haldwani campus	23rd to 24th dec 2024	-	1	Paper Presentation
84	Prof Shivakumar M	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
85	Prof Geethu S Kumar	Operating System Fundamentals	NPTEL	July- Oct 2024	-	-	FDP
86	Prof Shoma RS	Devops & Gen AI	Mahavidyapeetha bangalore	Feb 3rd to 7th 2024	-	-	FDP
87	Prof Shoma RS	Programming with GenAI	Cambridge Institute of Technology	Jan to June 2025	-	-	FDP
88	Prof Vijayalaxmi Y	Programming with GenAI	Cambridge Institute of Technology	Jan to June 2025	-	-	FDP
89	Prof Vijayalaxmi Y	Full Stack development hands-on: Crafting Modern application with MERN	CMR Institute of technolgy	3 rd to 7 th feb 2025	-	-	FDP
90	Prof Shoma RS	Next Gen Semiconductor device and smart computing applications	Cambridge Institute of Technology	21st & 22nd Dec 2024	-	-	PARTICIPATED
91	Prof Anusha B	VTU Devops Laboratory: Mastering Automation and collaboration	Cambridge Institute of Technology	10th to 14TH FEBRUARY 2025	-	-	WORKSHOP
92	Prof Anusha B	FDP on Programming with Gen AI Critique a complex artifact	Cambridge institute of technology	8th feb to 6th march 2025	-	-	WORKSHOP
93	Dr Bharani BR	AI-Driven Cybersecurity System for Detecting Advanced Persistent Threats in Hybrid Cloud Networks, Application Number- 202441083895,	Cambridge institute of technology	15th November 2024	-	-	Patent

For the year-2024-2025

Region & College Code:

1	C	D
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**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	Mr Kishore S Full Stack Engineer at Sci Space	Data Structures and algorithms An Industrial Perspective	Database Architecture, backend Systems, Frontend Systems	11th March 2025

For the year-2024-2025

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	Prof. Geethu S Kumar	Gynecological disease diagnosis expert system using machine learning and natural language processing	2024-25	KSCST	5000/-	2024-25	

For the year-2024-2025

Registration for the Research programmes

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Department	Ph.D								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1.	Prof Anusha B		1							7
2.	Prof Kavya VR		1							
3.	Prof Shoma RS		1							
4.	Prof Karangula Navya		1							
5.	Prof Dimple S Maurya		1							
6.	Prof Santosh M	1								
7.	Prof Ravi GH	1								

For the year-2024-2025

Award of Ph.D.

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Information Science & Engineering

Sl. No.	Faculty	Ph.D.								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1	Dr Sapna		1							2
2	Dr Vathsala MK		1							

For the year-2024-2025

ANNEXURE – IV

Research Guide Details

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD	
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded		
1	Dr. Varalatchoumy M	Sir CV Raman Center for Research and computing, Department of CSE	6	NIL	NIL	NIL	6	0		
2	Dr. Manjunatha Reddy B N	Global Academy of Technology, department of Electronics and Communication	4	2	NIL	NIL	4	2		
3	Dr. Antony Louis Periyakumar	Sir CV Raman Center for Research and computing, Department of CSE	1	NIL	NIL	NIL	1	0		
4	Dr. Priyanka R	Sir CV Raman Center for Research and computing, Department of CSE	Yet to register candidates							

For the year-2024-2025

NNEXURE – XI

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	2	8	6	-	14	4	-

For the year-2024-2025

ANNEXURE – XII

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	AI and Deep learning	5	2025	Blue print International Publisher	Published
2	Cryptography and Network Security	4	2025	Charulatha Publications	Published

For the year-2024-2025

Region & College Code:

1	C	D
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**RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Dr.Varalatchoumy M	AIML	Advancements in machine learning for recommender systems: A focus on NNMFC and particle swarm optimization techniques	-	AIP Conferecne proceedings Volume 3193, Issue 1,11 November 2024	https://pubs.aip.org/aip/acp/article-abstract/3193/1/020019/3319617/Advancements-in-machine-learning-for-recommender?redirectedFrom=fulltext
2	Dr.Varalatchoumy M	AIML	Optimizing Solar Power Plant Efficiency through Advanced Analytical Framework and Comparative Analysis	13	International Journal of Renewable Energy Research (IJRER), Vol.14, No.2, June, 2024	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/14587
3	Dr. Priyanka R	AIML	A Hybrid Cluster Based Intelligent IDS with Deep Belief	6	International Journal of Intelligent Systems and Applications in Engineering, 2024, 12(17s),	https://www.researchgate.net/publication/392442179_A_Hybrid_Cluster_Based_Intelligent_ID

For the year-2024-2025

			Network to Improve the Security over Wireless Sensor Network		pp. 225–238	<u>S with Deep Belief Network to Improve the Security over Wireless Sensor Network</u>
4	Dr.Varalatchoumy M	AIML	IoT-Driven Automation Systems for Hydroponic Agriculture	-	<i>Integrating Artificial Intelligence Into the Energy Sector</i> , edited by Abdelkader Mohamed Sghaier Derbali, IGI Global Scientific Publishing, 2025, pp. 357-378.	https://www.igi-global.com/chapter/iot-driven-automation-systems-for-hydroponic-agriculture/374518
5	Dr. Priyanka R	AIML	Automated Text Extraction and Classification from Images using Multi-Layer Perceptron(MLP)	6	IEEE EXPLORER Electronic ISBN:979-8-3503-5968-8	https://ieeexplore.ieee.org/document/10617274
6	PROF.SREEKANTHA B	AIML	Exploring the Synergy of Machine Learning Algorithm in Wireless Sensor Network	-	Springer Book Series-Studies in Autonomic Data Driven and Industrial Computing,Nov 2024pp 45–57	https://link.springer.com/chapter/10.1007/978-981-97-6806-6_4
7.	Prof.Syed Hayath	AIML	A multi biometrics system based on the IRIS USING CONVOLUTIONAL NETWORKS	-	Springer nature Link,pp 177–188 Dec 2024	https://link.springer.com/chapter/10.1007/978-981-97-9108-8_10
8	Prof.Syed Hayath	AIML	A multi biometrics system based on the IRIS USING CONVOLUTIONAL NETWORKS	-	Springer nature Link,pp 177–188 Dec 2024	https://link.springer.com/chapter/10.1007/978-981-97-9108-8_10

Note: Give details in column no. 5 in the following format
JournalName, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]

For the year-2024-2025

ANNEXURE – XIV

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	INTUIT- 2024 Project Exhibition	2 nd May 2024	CiTech Bangalore	NIL	49	
2	One day National Drone Tech Expo & Summit	13 th May 2024	CiTech Bangalore	NIL	60	
3	AI Unleashed: Navigating Industrial opportunities	16 th May 2024	CiTech Bangalore	NIL	85	
4	Cosplay Fete-Forum Activity	6 th June 2024	CiTech Bangalore	NIL	105	
5	IOT and Machine Learning Workshop	12 th to 16 th June 2024	CiTech Bangalore	NIL	104	
6	Power BI- Workshop	26 th & 27 th Sep 2024	CiTech Bangalore	NIL	95	
7	Engineer's Day	4 th Oct 2024	CiTech Bangalore	NIL	60	

For the year-2024-2025

8	IEEE Day & IEEE RAS Society chapter Inauguration	9th Oct 2024	CiTech Bangalore	NIL	80	
9	Machine Learning- Guest Lecture	9th Oct 2024	CiTech Bangalore	NIL	50	
10	Best Practices in Autonomous Institution in academics for IQAC Process event- Expert Talk	9th Oct 2024	CiTech Bangalore	NIL	30	
11	Pandas and Numpy Essentials for Industry-SDP	13th Oct 2024	CiTech Bangalore	NIL	40	
12	Technical Paper Writing-SDP	13th Oct 2024	CiTech Bangalore	NIL	70	
13	Building with AI: A Generative AI workshop	14th -16th Oct 2024	CiTech Bangalore	NIL	65	
14	Crafting the Future of Aviation-SDP	22nd Oct 2024	CiTech Bangalore	NIL	70	
15	Cyber Security-Seminar	23rd Oct 2024	CiTech Bangalore	NIL	50	
16	Robotics & its Application-Workshop	24th -28th Oct 2024	CiTech Bangalore	NIL	136	
17	Java in Action: A hands on Programming workshop	11th &12th April 2025	CiTech Bangalore	NIL	110	
18	Mastering Databases: DBMS for cracking interviews	28th April 2025	CiTech Bangalore	NIL	90	
19	Raw to Refined: A Practical journey into Data mining and Data Ware house	19th May 2025	CiTech Bangalore	NIL	105	
20	Optimize & Analyze: Real world algorithm design for future engineer	23rd May 2025	CiTech Bangalore	NIL	100	

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	2	3	4	5	6	7	8
1	Dr.Varalatchoumy M	second International Conference on Emerging Technologies in Science and Engineering (ICETSE)	Tumkur	19th and 20th June 2025	Presented	03	
2	Dr.Varalatchoumy M	International Conference on Recent Research in Computational Sciences & Engineering	Bangalore	12th April 2025	Presented	02	
3	Dr. Priyanka R	second International Conference on Emerging Technologies in Science and Engineering (ICETSE)	Tumkur	19th and 20th June 2025	Presented	01	
4	Dr. Priyanka R	INTERNATIONAL CONFERENCE ON INTELLIGENT ELECTRICAL SYSTEM AND INDUSTRIAL	Kolkata	25th to 27th June 2025	Presented	01	

For the year-2024-2025

		AUTOMATION					
5	Sreekantha B	International Conference on Recent Research in Computational Sciences & Engineering	Bangalore	12th April 2025	Presented	02	
6	Sreekantha B	INTERNATIONAL CONFERENCE ON INTELLIGENT ELECTRICAL SYSTEM AND INDUSTRIAL AUTOMATION	Kolkata	25th to 27th June 2025	Presented	01	
7	Sreekantha B	second International Conference on Emerging Technologies in Science and Engineering (ICETSE)	Tumkur	19th and 20th June 2025	Presented	01	
8	R Geetha	second International Conference on Emerging Technologies in Science and Engineering (ICETSE)	Tumkur	19th and 20th June 2025	Presented	02	
9	Raja A	second International Conference on Emerging Technologies in Science and Engineering (ICETSE)	Tumkur	19th and 20th June 2025	Presented	01	
10	Mahalakshmi A	second International Conference on Emerging Technologies in Science and Engineering (ICETSE)	Tumkur	19th and 20th June 2025	Presented	01	
11	Anusha K V	second International Conference on Emerging Technologies in Science and Engineering (ICETSE)	Tumkur	19th and 20th June 2025	Presented	01	
12	Syed Hayath	second International Conference on Emerging Technologies in Science and Engineering (ICETSE)	Tumkur	19th and 20th June 2025	Presented	02	

For the year-2024-2025

ANNEXURE – XVI

Region & College Code:

1	C	D
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INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS(FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
NIL				

For the year-2024-2025

ANNEXURE – XVII

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	DEPT.OF AIML,CITECH	RAS CHAPTER STARTUP GRANT	2024-2025	GIEEE MTT (IEEE BANGALORE SECTION)	Rs.42,210		
2	Dr.Varalatchoumy M & Prof.Syed	.Generative AI Powered Tool for Automated Video	2024-2025	KSCST	6500		
3	Dr.Varalatchoumy M & Prof.Geetha R	Humps Detection using Lidar	2024-2025	KSCST	5,500/		
4	Prof.Anusha & Prof.Mahalakshmi	AI IN REPRODUCTIVE HEALTH	2024-2025	KSCST	6000		
5	Dr.Varalatchoumy M	Management Skills DEvelopment(MDP) to CHOSS.	2024-2025	MSME	34,685		
6	Prof.Jeevitha & Prof.Geetha	IOT Neck Band	2024-2025	KSCST	6000		

For the year-2024-2025

Registration for the Research programmes

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Department	Ph.D								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1.		NIL								

For the year-2024-2025

Award of Ph.D.

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: AI&ML

Sl. No.	Faculty	Ph.D.								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1		Nil								0

For the year-2024-2025

Research Guide Details

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Name	VTU			Other University		Total no. of Candidates		Signature of HOD
		Department / Research Centre	No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
1	Arunadevi M	Cambridge Institute of Technology Bangalore	1	NIL	NIL	NIL	1	NIL	

For the year-2024-2025

ANNEXURE – XI

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	Nil	5	Nil	0	2	1	

For the year-2024-2025

ANNEXURE – XII

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1			NIL		

For the year-2024-2025

ANNEXURE – XIII

Region & College Code:

1	C	D
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RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
			NIL			

Note: Give details in column no. 5 in the following format
JournalName, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	2	3	4	5	6	7
NIL						

For the year-2024-2025

ANNEXURE – XV

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Prof. Monika M	Next-Gen Semiconductor Devices and smart computing Applications	Cambridge Institute of Technology	19-12-2024	Invited	Nil	
2	Prof. Samir Raza	Next-Gen Semiconductor Devices and smart computing Applications	Cambridge Institute of Technology	19-12-2024	Invited	Nil	

For the year-2024-2025

Region & College Code:

1	C	D
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**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
NIL				

For the year-2024-2025

ANNEXURE – XVII

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	2	3	4	5	6	7	8
NIL							

For the year-2024-2025

Registration for the Research programmes

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Department	Ph.D								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
3.	MCA	1							1	

For the year-2024-2025

ANNEXURE – XXIII

Award of Ph.D.

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Master of Computer Application

Sl. No.	Faculty	Ph.D.								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1		NIL								

For the year-2024-2025

ANNEXURE – IV

Research Guide Details

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
1	Dr. G Indumathi	ECE/ J C Bose Research Center	5	3			11	7	
2	Dr. Shiva Panchakshari T.G	ECE/ J C Bose Research Center							
3	Dr. Cyril Prasanna P Raj	VTU RRC	4	1			4	1	
4	Dr. Girish H	ECE/ J C Bose Research Center	4				4		
5	Dr. Ravi Kumar.M	ECE/ J C Bose Research Center							
6	Dr. Usha	ECE/ J C Bose Research Center	1				1		
7	Dr. Sudha M S	ECE/ J C Bose Research Center							
8	Dr. Lakshmi C R	ECE/ J C Bose Research Center							
9	Dr. A Chrispin Jiji	ECE/ J C Bose Research Center	2				2		
10	Dr. Karthik P	ECE/ J C Bose Research Center	5	1			5	1	
11	Dr.Kavitha M V	ECE/ J C Bose Research Center							

For the year-2024-2025

ANNEXURE – XI

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	4	22	17	-	17	17	1

For the year-2024-2025

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	Embedded Systems and IOT	Dr. Ravikumar M	April 2025	Deccan International Academic Publisher	
2	Computer Network	Prof. Chaithra S	25-03-2025	Scientific International Publishing House	
3	VLSI Testing and Design for Testability	Dr. Chrispin Jiji	07-02-2025	Booksclinic Publishing	
4	Research Methodology & Intellectual Property Rights: Basic and Fundamental concepts	Dr. Chrispin Jiji	21/08/2024	Booksclinic Publishing	

For the year-2024-2025

Region & College Code:

1	C	D
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RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS
(FROM 01-04-2024 TO 31-03-2025)

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	<u>C. R. Lakshmi</u> , <u>D. Kavitha</u> , <u>D. Kannadassan</u> & <u>T. G. Shivapanchakshari</u>	ECE	Tunable Microwave Bandstop Filter for Sub 6 GHZ 5G Applications		<u>Advances in Intelligent Computing and Communication: Lecture Notes in Networks and Systems</u> , volume 1325, 17 th June 2025,pp 583-595	
2	Raghunatha Reddy M V, Shashidhara K S, Girish H, Subhra Chakraborty, Viswanatha V, Divakara B C	ECE	Design and Optimization of RISC V Processor		Journal of Microprocessor and Microcontroller Research, <u>Volume 1, Issue 2</u> , 14 th Aug 2024	
3	Mamatha K R, Thejaswini S, Rashmi N, Dr. Girish H	ECE	SECURE SMART DOOR LOCK FEATURING FACIAL RECOGNITION		Machine Intelligence Research, <u>Vol. 18 No. 2</u> , 6 th Nov 2024	
4	Rashmi N, Mamatha K R, Thejaswini S, Dr. Girish H	ECE	AI-Powered X-ray System for Detecting Tuberculosis, Pneumonia and COVID-19		Acta Sci., 25(4), 18 th Sep 2024	
5	<u>M Ravi Kumar</u> ; <u>Upma Jain</u> ; <u>Flory Francis</u> ; <u>s Senthil Kumar</u> ; <u>Rachit Adhvaryu</u> ; <u>L Natrayan</u>	ECE	Cognitive Digital Twin Systems for Predictive Security in AI-Enhanced IoT Environments		2024 First International Conference on Software, Systems and Information Technology (SSITCON), 18 th Oct 2024, pp. 1-6	
6	<u>Sudha M S</u> ; <u>Sangeeta Ksiri</u> ; <u>Vani A</u> ; <u>Prakash Jadhav</u> ; <u>Nagesh R</u> ; <u>Pramod</u>	ECE	FPGA Implementation of Exudates detection in Fundus images through Machine Learning		2024 Fourth International Conference on Multimedia Processing, Communication & Information Technology (MPCIT), 13 th Dec	

For the year-2024-2025

	<u>Kumar S</u>				2024, pp. 29-34	
7	Sangeeta K Siri, Sudha M S, Baby H T, Pramod Kumar S, Pradeepa S C and Abhijith N	ECE	Automated liver image segmentation using entropy-based thresholding and median filtering	1	International Journal of Advanced Technology and Engineering Exploration, Vol 11(121), 24t Dec 2024	
8	<u>Pavan Kumar V Kulkarni; Sudha M S; Divya K R; Vignesh S; Sindhu M</u>	ECE	<u>Real-Time Gesture Recognition For Arduino-Based LED And Servometer Manipulation Using OpenCV And Mediapipe</u>		1st International Conference on Communications and Computer Science (InCCCS), 23rd July 2024	
9	<u>A. Chrispin Jiji, Y. R. Annie Bessant, K. Martin Sagayam, A. Amir Anton Jone, Linh Dinh & Hien Dang</u>	ECE	An Efficient Model using Deep Convolutional Neural Networks for modelling underwater images		Evolutionary Intelligence, vlm 18, article nmr 51, 19 th April 2025 Springer	
10	Chrispin Jiji , Maria Seraphine Sujitha, Annie Bessant, Indumathi G	ECE	REOUN: Restoration and Enhancement of Optical Imaging Underwater based on Non-Local Prior	2	Journal of Optics, 30 th July 2024 Springer	
11	<u>Pushpa B. R; Devaraju Ramakrishna; Chaithra S; Divya Rani M.S</u>	ECE	LoRaWAN-The Technology of Sewage Monitoring and Alerting System		2024 International Conference on Recent Innovation in Smart and Sustainable Technology ICRISST), 15th March 2024, pp. 1-6	
12	<u>Chetan Naik J; Nanditha S R; Tejaswini C; Sunitha P H; Jayaprakash S</u>	ECE	An IOT based smart irrigation system using blynk application		2024 Third International Conference on Artificial Intelligence, Computational Electronics and Communication System (AICECS), 15th April 2025	
13	Chetan Naik J , B. S. Deeksha, H. Girish , Gurusharan Kashetty, T. G. Shivapanchakshari , Manohar Sai Polakam	ECE	Iot Based Home Automation Using Blynk Cloud	5	AIP Conference Proceedings, 2965, 020006, 8th July 2024	
14	Chetan Naik J , Dr. S L Pinjare, Pooja PM	ECE	Design and Simulation of Underwater Acoustic Sensor Materials	3	AIP Conference Proceedings, 2965, 020003, 8th July 2024	
15	Chetan Naik J, Girish H, T. Bhargava, Kishor Kumar, Pramod Mahalingappa	ECE	Iot Based Fire Alarm System Using Blynk App	1	AIP Conference Proceedings, 2965, 020007, 8th July 2024	
16	Ravi kumar M	ECE	Design and Optimization of Serdes in Cmos 45nm Technology, ,		IJCRT	

For the year-2024-2025

17	Ravi Kumar M , Preethi T, Harshitha M, Harshitha R, K Deepa	ECE	A Review Of Serdes CMOS Transceiver For High Speed Data Transmission		International Journal of Research Publication and Reviews	
18	Shyam Sundar V , Sumeera Sultana N, Ashwit, Tanzil Ahmed, Chaitra S V,	ECE	Anaesthesia Based Machine Control Using Raspberry Pi		IJCRT	
19	Shyam Sundar V , Gangadasu Swetha, Darshan M R, Chandan K Singh, Chandana H C	ECE	Self-Navigation Robotics: Mastering Autonomous Path		IJCRT	
20	Veerappa Chikkagoudar , N Harishankar, Parikshith K, Pavan Sharma V, Sam A	ECE	A Review on Design of Low Power and High Speed ALU Using Finfet And CMOS		IJCRT	
21	Veerappa Chikkagoudar , K Fazle Umar, Sai Dhanush R N, Syed Avaiz, Vishwa Periaswamy	ECE	SRAM Cell Design using Finfet for Low Power And Delay		IJCRT	
22	Lakshmi C R ; D Kavitha ; D Kannadassan ; ShivaPanchakshari T G	ECE	Slotted Ground Resonator Based Cauer LPF		IEEE Explore	

**Note: Give details in column no. 5 in the following format
JournalName, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]**

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	Seminar on Digital Design Methodologies and implementation using FPGA Designs	11.02.2025	Citech	Citech	100 Students	By Dr. Vijendra Venkatesh
2	Guest Lecturer on Introduction to ST Edge AI-Suite for vision applications	10.01.2025	Citech	Citech	30 faculties	By Mr. Rohit P
3	Guest Lecturer on Quantum Computing in AI Techniques, Photonic Computing in AI	09.01.2025	Citech	Citech	25 faculties	By Dr. Srinivas Talabattula
4	Guest Lecturer on Employability Skills for the future	16.12.2024	Citech	Citech	100 Students and 20 Faculties	By Prof. Joy Prabhakar
5	Guest Lecturer on Emerging Trends Automotive Electronics	29.10.2024	Citech	Citech	120 Students and 15 Faculties	By Mr. Prema Chandran Makkal Kesavan
6	Importance of AI in image processing and its growing defense industry relevance	06/01/25 9:00AM to 09:30AM	Citech	Citech	Faculties of Various Institutions and CIT Faculties	Shri R Pitchammal Scientist H CASDIC, DRDO, Bangalore Linkdin Id:linkedin.com/in/rathinam-pitchammal-8553a11b
7	Plant leaf disease prediction using Machine Learning and	06/01/25 9 30 AM to 4 PM	Citech	Citech	Faculties of Various Institutions and CIT	Dr. Preeta Sharan, Dean of Research, The Oxford College of Engineering Bangalore

For the year-2024-2025

	image processing, Prediction of water quality using Machine Learning				Faculties	Ph No:9449612666 Email Id:sharanpreeta@gmail.com
8	Artificial intelligence applications in Nuclear Power Plants , Design Verification of Safety Critical Systems using AI	07-01-2025 9 30 AM to 4 PM	Citech	Citech	Faculties of Various Institutions and CIT Faculties	Dr. Lalit Kumar Singh, Senior Scientist, Head, Artificial Intelligence Applications, NPCIL-BARC, Department of Atomic Energy, Govt. of India, Mumbai Ph:9757237734 Email Id: lalit.singh.poo@gmail.com
9	Silicon Photonics for AI Applications	08-01-2025 9 30 AM to 1 PM	Citech	Citech	Faculties of Various Institutions and CIT Faculties	Dr. Mandeep Singh Visiting Scientist, IISc Bangalore, Asst Prof. Dept of ECE. National Institute of Technology (NIT), Karnataka Surathkal Ph No:9557523757 Email Id: mandeep.singh@nitk.edu.in
10	Advances in AI-powered Image Processing tools and techniques.	08-01-2025 2 30 AM to 4 30 PM	Citech	Citech	Faculties of Various Institutions and CIT Faculties	Dr. Sandip Kumar Roy, Executive Vice President, IDM Technologies, Dubai, Adjunct Faculty, IDM Technologies, Dubai, Adjunct Faculty, Ph :9811201202 Email Id: sandipr@hotmail.com
11	Quantum Computing in AI techniques, Photonic Computing in AI	09-01-2025 9 30 AM to 4 PM	Citech	Citech	Faculties of Various Institutions and CIT Faculties	Dr. Srinivas Talabattula, Professor in ECE Dept, Indian Institute of Science (IISc), Bangalore, Ph :9740922377 Email Id: tsrinu.iisc@gmail.com
12	Introduction to ST Edge AI - Suite for vision applications	10-01-2025 2 30 AM to 4 30 PM	Citech	Citech	Faculties of Various Institutions and CIT Faculties	Mr. Rohit P, Technical Director, Digiroadtech, Bangalore Ph:6366183287 Email Id:rohit.p@digiroadtech.com
13	5-Days Faculty Development program on Gen AI (Hands-On)	27/01/2025 10 To 12. 30 P M & 2 To 3.30 P M	Citech	Citech	Faculties of various Departments	Dr.Sangeeta K Siri professor Global Academy of Engineering, Bengaluru Ph:9945041553 Email Id:sangeetamk28@gmail.com
14	Seminar on Digital Design Methodologies and Implementation Using FPGA	11/02/2025 02:00pm -04:00pm	Citech	Citech	Fourth Semester Students	Dr. Vijendra Venkatesh, SoC/ASIC Design Verification Engineer Intel Corp ,Malaysia

For the year-2024-2025

	Designs					
15	IEEE AP/MTT JOINT CHAPTER SOCIETY INAUGURATION	08/03/2025 10AM-12:00PM	Citech	Citech	IEEE Members	Dr. Ashutosh Kedar IEEE AESS Chapter, ExCom, IEEE Bangalore Section
16	Low Power ARM based SoC Design for IoT Applications	12/04/2025 09:30AM-11:30AM	Citech	Citech	4th Semester Students	Ms. Shipa K. Physical Design Engineer , Microchip Technology PVT Ltd
17	Preparedness for placement in semiconductor Industries	29/04/2025 10:30AM -11:45 AM	Citech	Citech	6th Semester Students	C.P. Ravikumar Chief Learning Officer at Vinyana Tech, Bangalore

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Dr. Lakshmi C R	Atal FDP on Research Problems Recent trends and future perspectives of artificial Intelligence in image processing tools technics and applications	Cambridge Institute of Technology, Bangalore	6.01.2025 to 11.01.2025	attended	-	-
2	Prof. Praveen Kumar K C	Atal FDP on Research Problems Recent trends and future perspectives of artificial Intelligence in image processing tools technics and applications	Cambridge Institute of Technology, Bangalore	6.01.2025 to 11.01.2025	attended	-	-
3	Prof. Roopa M	Atal FDP Artificial Intelligence in Satellite Image Processing and Applications	CMR Institute of Technology, Bangalore	20.01.2025 to 25.01.2025	attended	-	-
4	Prof. Veerapa S C	Atal FDP on Research Problems Recent trends and future perspectives of artificial Intelligence in image processing tools technics and applications	Cambridge Institute of Technology, Bangalore	6.01.2025 to 11.01.2025	attended	-	-
5	Prof. Athul Ghosh	Atal FDP on Emerging Technology for Observing earth form space	Christ university	21.10.2024 to 26.10.2024	attended	-	-
6	Dr. Lakshmi C R	Atal FDP on Research Problems Recent trends and future perspectives of artificial Intelligence in image processing tools technics and applications	Cambridge Institute of Technology, Bangalore	6.01.2025 to 11.01.2025	attended	-	-
7	Prof. Praveen Kumar K C	Atal FDP on Research Problems Recent trends and future perspectives of artificial Intelligence in image processing tools technics and applications	Cambridge Institute of Technology, Bangalore	6.01.2025 to 11.01.2025	attended	-	-

For the year-2024-2025

1	C	D
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Region & College Code:

**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
	NIL			

For the year-2024-2025

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	Mrs. Shakila D	MEMS-based capacitive pressure sensor: Design and optimization	2024	KSCST	Rs. 5500	Rs. 5500	
2	Mrs. Nandini Kumari B	Detection of road condition defects using sensors and IOT technology	2024	KSCST	Rs.5000	Rs.5000	
3	Dr. Ravishankar Dr. Girish H	Organic Semiconductor for divergent application	2024	AICTE	Rs. 1,00,000		
4	Dr. A. Chrispin Jiji Dr. G. Indumathi	Research Problems, Recent Trends and Future Perspectives of Artificial Intelligence in Image Processing-Tools, Techniques and applications: An industry Perspective	2024	AICTE	Rs. 3,50,000	Rs. 2,67,004	

For the year-2024-2025

Registration for the Research programmes

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Department	Ph.D.								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1.	Mr. Shyam Sundhar V	1								1
2.	Mrs. Soujanya S		1							1
3.	Mr. Adarsha K S	1								1
4.	Mrs. Iffat Fatima							1		1

For the year-2024-2025

Award of Ph.D.

Name of the College: Cambridge Institute of Technology, Bengaluru

Department of: Electronics & Communication Engineering

Sl. No.	Faculty	Ph.D.								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1	Dr. Ragunath Reddy							1		1
2	Dr. Gopalakrishna Murthy C R	1								1

For the year-2024-2025

ANNEXURE – IV

Research Guide Details

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
1	Dr. Basanna Patagundi	MBA	3	0	2	2	5	2	

For the year-2024-2025

ANNEXURE – XI

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC
(FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	1	12	-	-	3	7	-

For the year-2024-2025

ANNEXURE – XII

Region & College Code:

1	C	D
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BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024 TO 31-03-2025)

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	PSYCHOLOGY OF INVESTING : A GUIDE TO BEHAVIOURAL FINANCE “ PSYCHOLOGY OF INVESTING : A GUIDE TO BEHAVIOURAL FINANCE	Dr Roopa K	2025	Scicrafthub Publication, Thane, Mumbai	-

For the year-2024-2025

Region & College Code:

1	C	D
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RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS (FROM 01-04-2024 TO 31-03-2025)

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International	Remarks
1	Dr Ravi K R	MBA	“Advancement in Cotton Textile Industry”	NIL	Scopus	
2	Dr. Y. Muralidhar reddy	MBA	Financial Risk Management in Global Supply Chains: Strategies for Resilience and Profitability	NIL	Scopus	
3		MBA	The role of AI tools in Evaluating the effectiveness's of quite hiring	NIL	Scopus	
4	Prof Eshwari B	MBA	Impact of Learning and Development on Talent Retention in the Digital Era (A Study with Reference to Private Sector Banks)	NIL	Scopus	
5	Prof B.Sireesha	MBA	Mastering design tools and techniques and real world applications	NIL	Scopus	
6	Dr Basavaraj Girimallanavar	MB	“Advancement in Cotton Textile Industry”	NIL	Scopus	
7	Dr Arthi	MBA	The role of AI tools in Evaluating the effectiveness's of quite hiring	NIL	Scopus	
8	Dr Roopa K	MBA	A REVIEW ON APPLICATION OF MULTI-CRITERIA DECISION MAKING (MCDM) APPROACHES	NIL	Scopus	
9			Financial Risk Management in Global Supply Chains: Strategies for Resilience and Profitability	NIL	Scopus	
10			The role of AI tools in Evaluating the effectiveness's of quite hiring	NIL	Scopus	
11	Sushma Byraiah	MBA	"Self-Efficacy, Psychological Well-Being and Employee Engagement: Mediating Role of Perceived Empowering Leadership"	NIL	Scopus	
12	Prof. Sanjana S	MBA	The influence of behavioral finance on Investment Decisions: A study of cognitive biases in Portfolio Management	NIL	Scopus	

For the year-2024-2025

ANNEXURE – XIV

Region & College Code:

1	C	D
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**CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
CONDUCTED IN THE COLLEGE (FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	Nil	Nil	Nil	Nil	Nil	Nil

For the year-2024-2025

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Dr Muralidhar Red	Ultization of artificial intellegence in managment and business practice	online	23/1/2025 and 24/1/2025	Sea college	1	
2	Dr Roopa K	Ultization of artificial intellegence in managment and business practice	online	23/1/2025 and 24/1/2025	Sea college	1	
3	Dr Arthi	Ultization of artificial intellegence in managment and business practice	online	23/1/2025 and 24/1/2025	Sea college	1	

For the year-2024-2025

Region & College Code:

1	C	D
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**INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY
THE SCHOLARS (FROM 01-04-2024 TO 31-03-2025)**

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	Nil	Nil	Nil	Nil

For the year-2024-2025

Region & College Code:

1	C	D
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**LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH
PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES
(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College: Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil

For the year-2024-2025

Registration for the Research programmes

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Department	Ph.D								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
8.	MBA	2	2							4

For the year-2024-2025

Award of Ph.D.

Name of the College : Cambridge Institute of Technology

Department of: Master of Business Administration

Sl. No.	Faculty	Ph.D.								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1		Nil								

For the year-2024-2025

ANNEXURE – IV

Research Guide Details

Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl. No.	Name	Department / Research Centre	VTU		Other University		Total no. of Candidates		Signature of HOD
			No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded	
NIL									

For the year-2024-2025

ANNEXURE – XI

Region & College Code:

1	C	D
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**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES/SEMINARS ATTENDED/CONDUCTED ETC FROM 01-04-2024 TO 31-03-2025**

Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers		No. of invited Lectures delivered by the Teachers	Remarks
				Foreign	National		
1	1	5	0	0	0	2	

For the year-2024-2025

ANNEXURE – XII

BOOKS PUBLISHED BY FACULTY (FROM 01-04-2024 TO 31-03-2025)

Region & College Code:

1	C	D
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Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1	Blockchain for IoT Systems	Vasantha M, Sudarsanan D, Santosh M., Madhura G K	2025	Chapman & Hall (ISBN 9781032607085)	NIL

For the year-2024-2025

Region & College Code:

1	C	D
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RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS (FROM 01-04-2024 TO 31-03-2025)**Name of the College : Cambridge Institute of Technology****Department of: IOT**

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Dr.Sandeep Kumar	CSE(IOT & CyberSecurity including Block chain Tech)	CONVERTING PODCAST EPISODES INTO TEXT FORMAT AND SUMMARIZING THEM	NIL	Internationbal	NIL
2	Bhavana P	CSE(IOT & CyberSecurity including Block chain Tech)	NIL	NIL	NIL	NIL
3	Dr.Vasantha M	CSE(IOT & CyberSecurity including Block chain Tech)	Task Scheduling Mechanism for MapReduce Framework using Inertia Weight-based Grey Wolf Optimization	NIL	International Journal	NIL
			CALORIE ESTIMATION OF FOOD AND BEVERAGES USING DEEP LEARNING	NIL	International Journal	NIL
4	Divya Sugathan	CSE(IOT & CyberSecurity including Block chain Tech)				
5	Nidhi Sinha	CSE(IOT & CyberSecurity including Block chain Tech)	NIL	NIL	NIL	NIL

Note: Give details in column no. 5 in the following format**Journal Name, Volume No., Issue No., Month & Year of Publication, Page No. [start-end]**

For the year-2024-2025

ANNEXURE – XIV

Region & College Code:

1	C	D
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CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC. CONDUCTED IN THE COLLEGE (FROM 01.04.2024 TO 31.03.2025)

Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1	Next-Generation Networks and it's Security	5th to 15th February 2025	NIT, Warangal	Yes	73	Completed

For the year-2024-2025

ANNEXURE – XV

Region & College Code:

1	C	D
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**CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC.
ATTENDED BY TEACHERS (FROM 01.04.2024 TO 31.03.2025)**

Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl.No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1	Dr.Sandeep Kumar	International Conference on Next-Gen Semiconductor Device and Smart Computing Applications	Bangalore	20/12/2024 to 21/12/2024			
2	Bhavana P	ATAL FDP on Full Stack AI Web Development	EPCET, BANGALORE	20/01/2025 to 25/01/2025			
3	Dr.Vasantha M	FDP-Advances in 3D MOSFET Architecture:Paving the way for Next generation Semiconductor Scaling	MVJ ollege of Engineerng	06/01/2025 to 11/01/2025			
4	Dr.Vasantha M	FDP on Cyber Security and Ethical Hacking	Anurag University,Hyderabad	16/06/2025 to 20/06/2025			

For the year-2024-2025

5	Dr. Vasantha M	6th INTERNATIONAL CONFERENCE OF EMERGING TECHNOLOGIES 2025(INCET)	Jain College of Engineering, Belagavi(online)	May 22-24, 2025	Presented paper	1	
6	Dr. Vasantha M	International Conference on Wireless Communication and Internet of Everything(ICWCIE-2025)	Sharnbasva University, Kalaburagi(ONLINE)	May 23-24, 2025	Presented paper	1	
7	Dr. Vasantha M	Teachng Learning Process- OBE & Life skill	Citech, Bangalore	25-07-24 to 31-07-25			
8	Dr. Vasantha M	Trending Technologies- OpenMP, BigData Analytics and Internet of Things	Cambridge Institute of Technology, Bangalore	23/06/2025 TO 27/06/2025			
9	Divya Sugathan	Pre-Conference Tutorial in International Conference on Next-Gen Semiconductor Device and Smart Computing Applications	Cambridge Institute of Technology, Bangalore	20-12-2024			
10	Divya Sugathan	ATAL FDP-Advances in 3D MOSFET Architecture:Paving the way for Next generation Semiconductor Scaling	Cambridge Institute of Technology, Bangalore	06/01/2025 to 11/01/2025			
11	Divya Sugathan	Programming with GenAI	Cambridge Institute of Technology, Bangalore	Jan 2025			
12	Divya Sugathan	AIML Application in Electronics and IoT	INFO Institute of engineering	17/02/2025 to 22/02/2025			

For the year-2024-2025

13	Nidhi Sinha	Pre-Conference Tutorial in International Conference on Next-Gen Semiconductor Device and Smart Computing Applications	Cambridge Institute of Technology, Bangalore	20/12/2024 to 21/12/2024			
14	Nidhi Sinha	FDP on Cyber Security and Ethical Hacking	Anurag University, Hyderabad	16/06/2025 to 20/06/2025			
15	Nidhi Sinha	Empowering Educators FDP on Trending Technologies- OpenMP, Big Data Analytics, and Internet of Things	Cambridge Institute of Technology, Bangalore	23/06/2025 to 27/06/2025			
16	Nidhi Sinha	International Conference on Next-Gen Semiconductor Device and Smart Computing Applications	Cambridge Institute of Technology, Bangalore	20/12/2024 to 21/12/2024	Presented Paper	1	
17	Nidhi Sinha	2nd IEEE International Conference on Artificial Intelligence and Quantum Computation Based Sensor Applications	G H Rasoni College of Engineering and Quantum Computation	20/12/2024 to 21/12/2024	Presented Paper	1	
18	Nidhi Sinha	Advanced AI Tools Techniques, and Applications	Gopalan College of Engineering and Management	02/09/2024 to 06/09/2024			
19	Nidhi Sinha	NPTEL FDP ON Introduction to Internet of Things	IIT Madras	Jan-April 2025	Course Completed with 75% (Silver Elite)		

For the year-2024-2025

Region & College Code:

1	C	D
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INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY THE SCHOLARS (FROM 01.04.2024 TO 31.03.2025)

Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	Dr.Vasantha M	Dr.Suneelkumar N Kulkarni,HOD,Dept. of Mechanical Engineering,Cambridge Institute of Technology,Bengaluru-36	Latex	07-03-2025 to 08-03-2025
2	Dr.Vasantha M	Dr.Preethi,HOD,Dept. of ISE,Cambridge Institute of Technology,Bengaluru-36	IOT	23/06/2025 TO 27/06/2025

ANNEXURE – XVII

Region & College Code:

1	C	D
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LIST OF MAJOR & MINOR RESEARCH PROJECTS/RESEARCH WORK/AIDED RESEARCH PROJECTS UNDER NATIONAL/STATE/PRIVATE FUNDING AGENCIES**(INCLUDING STATE GOVT.) DURING THE YEAR 2024-2025**

Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	NIL	NIL	NIL	NIL	NIL	NIL	NIL

For the year-2024-2025

Registration for the Research programmes

Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl. No.	Department	Ph.D								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
NIL										

Award of Ph.D.

Name of the College : Cambridge Institute of Technology

Department of: IOT

Sl. No.	Faculty	Ph.D.								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1		Nil								

ANNEXURE – V

Region & College Code:

1	C	D
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NO. OF FOREIGN / SAARC STUDENTS ON ROLLS

Male: Female: Total:

Sl. No	Name of the Student	USN	Male & Female	UG/PG	Country	Visa No. & Expiry date	Passport No & Expiry date	Semester	If sponsored		Registered with FRO
									By Whom	Residential Address	
01	AAKASH PANDIT	1CD24CV001	M	UG	NEPAL	-	-	1 st Semester	-	-	-
02	SAKINA KHATUN	1CD24CV033	F	UG	NEPAL	-	-	1 st Semester	-	-	-
03	SAMYOAG POUDEL	1CD24CV034	M	UG	NEPAL	-	-	1 st Semester	-	-	-
04	SUBASH JAISHI	1CD24CV038	M	UG	NEPAL	-	-	1 st Semester	-	-	-
05	NIRASHA KUMARI SHAH	1CD24EE034	F	UG	NEPAL	-	-	1 st Semester	-	-	-
06	DEV KUMAR SAH	1CD24EC037	M	UG	NEPAL	-	-	1 st Semester	-	-	-
07	DEVRAJ PRASAD YADAV	1CD24EC039	M	UG	NEPAL	-	-	1 st Semester	-	-	-
08	NIRAJ JOSHI	1CD24EC097	M	UG	NEPAL	-	-	1 st Semester	-	-	-
09	SUSHANT PANDEY	1CD24EC158	M	UG	NEPAL	-	-	1 st Semester	-	-	-
10	AASHISH BANIYA	1CD24CS007	M	UG	NEPAL	-	-	1 st Semester	-	-	-
11	AASHISH BHANDARI	1CD24CS008	M	UG	NEPAL	-	-	1 st Semester	-	-	-
12	ABHINAB ROUNIYAR	1CD24CS012	M	UG	NEPAL	-	-	1 st Semester	-	-	-
13	ABHISHEK YADAV	1CD24CS016	M	UG	NEPAL	-	-	1 st Semester	-	-	-

For the year-2024-2025

14	ABINASH KUMAR KUSHWAHA	1CD24CS017	M	UG	NEPAL	-	-	1 st Semester	-	-	-
15	ANIKET KUMAR CHAUDHARY	1CD24CS033	M	UG	NEPAL	-	-	1 st Semester	-	-	-
16	ANISHA YADAV	1CD24CS034	F	UG	NEPAL	-	-	1 st Semester	-	-	-
17	ASHOK KUMAR GUPTA	1CD24CS040	M	UG	NEPAL	-	-	1 st Semester	-	-	-
18	BHUNESHWAR BANIYA	1CD24CS055	M	UG	NEPAL	-	-	1 st Semester	-	-	-
19	BIBEK SAH	1CD24CS056	M	UG	NEPAL	-	-	1 st Semester	-	-	-
20	BIKASH KUMAR SAH	1CD24CS057	M	UG	NEPAL	-	-	1 st Semester	-	-	-
21	BIPIN KUMAR CHAMAR	1CD24CS059	M	UG	NEPAL	-	-	1 st Semester	-	-	-
22	DEEPU GUPTA	1CD24CS076	M	UG	NEPAL	-	-	1 st Semester	-	-	-
23	DHARMENDRA PRASAD KURMI	1CD24CS079	M	UG	NEPAL	-	-	1 st Semester	-	-	-
24	DIPESH SAH	1CD24CS081	M	UG	NEPAL	-	-	1 st Semester	-	-	-
25	DURGAPRAJAPATI	1CD24CS083	M	UG	NEPAL	-	-	1 st Semester	-	-	-
26	EASHAK RAEN	1CD24CS084	M	UG	NEPAL	-	-	1 st Semester	-	-	-
27	GAUTAM KUMAR RAY	1CD24CS089	M	UG	NEPAL	-	-	1 st Semester	-	-	-
28	JAGRITI KANDU	1CD24CS103	F	UG	NEPAL	-	-	1 st Semester	-	-	-

For the year-2024-2025

29	JANAK PRASAD BAJGAIN	1CD24CS104	M	UG	NEPAL	-	-	1 st Semester	-	-	-
30	KAJUL KUMARI THARU	1CD24CS111	F	UG	NEPAL	-	-	1 st Semester	-	-	-
31	KAMAL DEV MANDAL	1CD24CS112	M	UG	NEPAL	-	-	1 st Semester	-	-	-
32	LIZON CHAUDHARY	1CD24CS132	M	UG	NEPAL	-	-	1 st Semester	-	-	-
33	NIRANJAN KUMAR KOHAR	1CD24CS167	M	UG	NEPAL	-	-	1 st Semester	-	-	-
34	RAJAN KUMAR YADAV	1CD24CS205	M	UG	NEPAL	-	-	1 st Semester	-	-	-
35	RAKESH KUMAR SHAH	1CD24CS208	M	UG	NEPAL	-	-	1 st Semester	-	-	-
36	SAMIR KUMAL	1CD24CS225	M	UG	NEPAL	-	-	1 st Semester	-	-	-
37	SHASHI RANJAN ADHIKARI	1CD24CS235	M	UG	NEPAL	-	-	1 st Semester	-	-	-
38	SIDDHANAND SHARMA LOHAR	1CD24CS244	M	UG	NEPAL	-	-	1 st Semester	-	-	-
39	SWODESH KHADKA	1CD24CS259	M	UG	NEPAL	-	-	1 st Semester	-	-	-
40	UMAKANT PRASAD CHAUDHARY	1CD24CS268	M	UG	NEPAL	-	-	1 st Semester	-	-	-
41	ARSH AAJAM ANSARI	1CD24IS021	M	UG	NEPAL	-	-	1 st Semester	-	-	-
42	BISHNU KUMAR SARDAR	1CD24IS041	M	UG	NEPAL	-	-	1 st Semester	-	-	-

For the year-2024-2025

43	DEEKSHA SUBEDI	1CD24IS048	F	UG	NEPAL	-	-	1 st Semester	-	-	-
44	JYOTSHNA SHREE	1CD24IS070	F	UG	NEPAL	-	-	1 st Semester	-	-	-
45	MAUNATA CHAUDHARY	1CD24IS096	F	UG	NEPAL	-	-	1 st Semester	-	-	-
46	RANUSH YADAV	1CD24IS127	M	UG	NEPAL	-	-	1 st Semester	-	-	-
47	TARIKH AJIJ SHAH	1CD24IS176	M	UG	NEPAL	-	-	1 st Semester	-	-	-
48	DAMODHAR CHAND	1CD24CD011	M	UG	NEPAL	-	-	1 st Semester	-	-	-
49	JASMINE KHATUN	1CD24CD019	F	UG	NEPAL	-	-	1 st Semester	-	-	-
50	PREM SAH	1CD24CD040	M	UG	NEPAL	-	-	1 st Semester	-	-	-
51	YOGITA YADAV	1CD24CD066	F	UG	NEPAL	-	-	1 st Semester	-	-	-
52	BISHAL BANIYA	1CD24IC006	M	UG	NEPAL	-	-	1 st Semester	-	-	-
53	PRASHANT GAUTAM	1CD24IC045	M	UG	NEPAL	-	-	1 st Semester	-	-	-
54	BALIRAM SAH TELI	1CD24AI018	M	UG	NEPAL	-	-	1 st Semester	-	-	-
55	DURGESH GUPTA	1CD24AI035	M	UG	NEPAL	-	-	1 st Semester	-	-	-
56	NARSINGH DHAWAL DHOBI	1CD24AI081	M	UG	NEPAL	-	-	1 st Semester	-	-	-

For the year-2024-2025

57	NITESH KUMAR MISHRA	1CD24AI084	M	UG	NEPAL	-	-	1 st Semester	-	-	-
58	PARSHADA SHARMA	1CD24AI086	M	UG	NEPAL	-	-	1 st Semester	-	-	-
59	SHIB PRAKASH SAH	1CD24AI113	M	UG	NEPAL	-	-	1 st Semester	-	-	-
60	SIDHI GUPTA	1CD24AI118	M	UG	NEPAL	-	-	1 st Semester	-	-	-
61	UPENDRA BHANDARI	1CD24AI132	M	UG	NEPAL	-	-	1 st Semester	-	-	-
62	AMAN BK	1CD23CS012	M	UG	NEPAL	-	-	3 rd Semester	-	-	-
63	ANMOL JOSHI	1CD23CS018	M	UG	NEPAL	-	-	3 rd Semester	-	-	-
64	ANMOL KATHAYAT	1CD23CS019	M	UG	NEPAL	-	-	3 rd Semester	-	-	-
65	ASHISH KHATRI	1CD23CS024	M	UG	NEPAL	-	-	3 rd Semester	-	-	-
66	KAMAL DHUNGANA	1CD23CS069	M	UG	NEPAL	-	-	3 rd Semester	-	-	-
67	PANKCH BIST	1CD23CS115	M	UG	NEPAL	-	-	3 rd Semester	-	-	-
68	PRABIN DAHAL	1CD23CS118	M	UG	NEPAL	-	-	3 rd Semester	-	-	-
69	SAUD NIRANJAN MEEN BAHADUR	1CD23CS147	M	UG	NEPAL	-	-	3 rd Semester	-	-	-
70	RUP NARAYAN YADAV	1CD23IS127	M	UG	NEPAL	-	-	3 rd Semester	-	-	-

For the year-2024-2025

71	GUNJAN KHADKA	1CD22CS041	M	UG	NEPAL	-	-	5 th Semester	-	-	-
72	NABIM DHAMALA	1CD22CS090	M	UG	NEPAL	-	-	5 th Semester	-	-	-
73	NISHU SHREE	1CD22CS097	F	UG	NEPAL	-	-	5 th Semester	-	-	-
74	SHIVAM KUMAR YADAV	1CD22CS146	M	UG	NEPAL	-	-	5 th Semester	-	-	-
75	SUMIT YADAV	1CD22CS155	M	UG	NEPAL	-	-	5 th Semester	-	-	-
76	ANIL TIMILSENA	1CD22IS016	M	UG	NEPAL	-	-	5 th Semester	-	-	-
77	CHANDRA BAHADUR SAUD	1CD21CS185	M	UG	NEPAL	-	-	7 th Semester	-	-	-
78	DILIP SHAHI	1CD21CS186	M	UG	NEPAL	-	-	7 th Semester	-	-	-
79	DINESH BAHDUR SHAHI	1CD21CS187	M	UG	NEPAL	-	-	7 th Semester	-	-	-
80	LALU KUMAR YADAV	1CD21CS188	M	UG	NEPAL	-	-	7 th Semester	-	-	-
81	KUSH KUMAR YADAV	1CD21IS186	M	UG	NEPAL	-	-	7 th Semester	-	-	-
82	ROSHAN SAH	1CD21IS187	M	UG	NEPAL	-	-	7 th Semester	-	-	-
83	UMESH KHANAL	1CD21IS188	M	UG	NEPAL	-	-	7 th Semester	-	-	-
84	BOURAHIMA KONE	1CD21EE050	M	UG	AFRICA- BAMAKO	-	-	7 th Semester	-	-	yes

For the year-2024-2025

DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)

Region & College Code

1	C	D
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Name of the Department: Computer Science & Engineering

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers										No. of Teachers with Doctoral Degree										No. of Teachers with Master's Degree										No. of Teachers with Bachelor's Degree									
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total	
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	Professor			2	2	-	-	-	-	-	-	2	2	2	2	-	-	-	-	-	-	2	2	2	2	0	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	2	2
2	Associate Professors			0	2	-	-	-	-	-	2	0	4	-	-	-	-	-	-	2	-	4	0	2	0	0	0	0	0	4	0	4	0	2	0	0	0	0	0	0	2	0	4
3	Assistant Professors			2	5			2	2	6	4	15	-	-	-	-	-	-	-	-	1	2	5	0	2		1	4	6	4	15	2	5		2		2	5	6	4	15		
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total			04	09	0	2		2	2	08	06	21	2	4		1	0	0		2	2	7	04	09	0	2	0	1	4	10	06	21	4	9		2		2	5	08	06	21

* Visiting / Part-time / Contract / Guest Staff

Separate sheets to be enclosed for each Dept.

**DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)**

Region & College Code

1	C	D
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Name of the Department: **Information Science & Engineering**

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers								No. of Teachers with Doctoral Degree					No. of Teachers with Master's Degree					No. of Teachers with Bachelor's Degree																						
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total												
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F									
1	Professor			-	-	-	-	-	-	1		2	1	-	-	-	-	-	-	1	1	2	1		1	1	-	-	-	1		2	1		1	1	-	-	-	1		2	1	
2	Associate Professors			-	-	-	-	-	-	-	1		3	-	-	-	-	-	-	-	1		3		2	-	-	-	-	-	1		3		2	-	-	-	-	-	-	1		3
3	Assistant Professors			3	7			1	1			2	4	6	12	-	-	-	-	-	-	-	-	3	7		1	-	-	-	-	-	-	12	3	7	-	-	-	-	-	4	6	12
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Total			3	10	1	1	1		3	5	8	16	1	3	1	-	-	-	1	2	2	4	3	10	1	1	1		3	4	8	16	3	10	1	1	1		3	5	8	16	

* Visiting / Part-time / Contract / Guest Staff

Separate sheets to be enclosed for each Dept.

DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)

1	C	D
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Name of the Department: Electronics & Communication Engineering

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers										No. of Teachers with Doctoral Degree										No. of Teachers with Master's Degree										No. of Teachers with Bachelor's Degree									
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total	
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	Professor			3	1	-	-	-	-	2		5	1	2	1	-	-	-	-	2	5	1		3	1	-	-	-	-	2		5	1	3	1	-	-	-	-	2		5	1
2	Associate Professors			3	2		1	2		1	2	6	5		2		1	3		2	3	5	6	3	2		1	2		1		6	3	3	2		1	2		1	2	6	5
3	Assistant Professors			3	4	2	-	-	-	1	5	6	5	-	-	-	-	-	-	-	-	-	-	3	4	2	-	-	-	1	5	6	13	3	4	2	-	-	-	1	5	6	5
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total			9	07	2	1	2		4	7	17	11	2	3		1	3		4	08	06	06	9	07	3	1	2		4	5	17	17	09	07	2	1	2		4	7	17	11

* Visiting / Part-time / Contract / Guest Staff

Separate sheets to be enclosed for each Dept.

DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)

Region & College Code:

1	C	D
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Name of the Department: **Electrical & Electronics & Engineering**

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers										No. of Teachers with Doctoral Degree										No. of Teachers with Master's Degree										No. of Teachers with Bachelor's Degree									
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total	
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	Professor			0	2	-	-	-	-	-	-	2	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	0	2	-	-	-	-	-	-	0	2			
2	Associate Professors			1	0	1	-	-	-	-	2	0	1	1	1	1	1	1	1	4	1	1	2	1	-	-	-	-	1	3	2	1	0	1	-	-	-	-	-	2	0		
3	Assistant Professors			2	2	-	-	-	-	2	1	4	3	-	-	-	-	-	-	-	-	2	-	-	-	1	-	1	2	1	2	2	-	-	-	-	2	1	4	3			
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Total			3	4	1	-	-	-	2	1	6	5	2	1	1	-	-	-	-	5	1	2	4	1	-	-	1	-	2	6	3	3	4	1	1	2	1	6	5			

DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)

Region & College Code:

1	C	D
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Name of the Department: Mechanical Engineering

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers								No. of Teachers with Doctoral Degree					No. of Teachers with Master's Degree					No. of Teachers with Bachelor's Degree																					
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total											
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F								
1	Professor			3	-	-	-	-	-	2	-	5	-	3	-	-	-	-	-	3	-	5	-	3	-	-	-	-	-	2	-	5	-	3	-	-	-	-	-	2	-	5	-
2	Associate Professor			2	-	-	-	-	-	2	-	4	-	2	-	-	-	-	-	2	-	4	-	2	-	-	-	-	-	2	-	4	-	2	-	-	-	-	-	2	-	4	-
3	Assistant Professors			5	-	-	-	-	-	4	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	09	-	5	-	-	-	-	-	-	-	4	-	9	-	
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	TOTAL			10	-	-	-	-	-	8	-	18	-	5	-	-	-	-	-	5	-	9	-	10	-	-	-	-	-	08	-	18	-	10	-	-	-	-	-	8	-	18	-

* Visiting / Part-time / Contract / Guest Staff

❖ Separate sheets to be enclosed for each Dept.

For the year-2024-2025

DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)

ANNEXURE –VI

Region & College Code

1	C	D
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Name of the Department: **Civil Engineering**

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers										No. of Teachers with Doctoral Degree										No. of Teachers with Master's Degree										No. of Teachers with Bachelor's Degree										
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	Professor			1	0	0	0	0	0	0	0	1	0	1	-	-	-	-	-	-	-	1	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	
2	Associate Professor			1	0	0	0	0	0	0	0	1	0	1	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
3	Assistant Professors			3	3	0	0	0	0	2	3	5	6	-	-	-	-	-	-	-	-	4	3	0	0	1	0	4	2	8	5	3	3	0	0	0	0	0	0	2	3	5	6	
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total			5	3	0	0	0	0	2	3	7	6	2	0	0	0	0	0	0	0	2	0	5	3	0	0	1	0	5	2	9	5	5	3	0	0	0	0	0	2	3	7	6

For the year-2024-2025

ANNEXURE -VI

Region & College Code:

1	C	D
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DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)

Name of the Department: Master of Computer Application

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers								No. of Teachers with Doctoral Degree					No. of Teachers with Master's Degree					No. of Teachers with Bachelor's Degree																
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total						
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	Professor			1	0	-	-	-	-	0		1	0	1	-	-	-	-	0		1	-	-	-	-	1		1	1	1	0	-	-	-	0		1	0
2	Associate Professor			1	0	-	-	-	-	1		2	0	1	-	-	-	-	1		2	-	-	-	-	-	-	-	1	0	-	-	-	-	1		2	0
3	Assistant Professors			3	1	-	-	-	-	0	0	3	1	-	-	-	-	-	-	-	2	2	-	-	-	2	1	4	3	3	1	-	-	-	0	0	3	1
4	Others *					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total			5	1	-	-	-	-	1	0	6	1	2	-	-	-	-	1		3	-	-	-	3	1	5	4	5	1	-	-	-	1	0	6	1	

For the year-2024-2025

ANNEXURE –VI

Region & College Code:

1	C	D
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DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)

Name of the Department: Master of Business Administration

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers										No. of Teachers with Doctoral Degree										No. of Teachers with Master's Degree										No. of Teachers with Bachelor's Degree									
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total	
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	Professor			1	1	-	-	-	-	1	0	2	1	1	1	-	-	-	-	1	-	2	1	1	1	-	-	-	-	2	-	3	1	1	1	-	-	-	-	1	0	2	1
2	Associate Professor			1	-	1	-	-	-	-	0	2	1	1	1	1	-	-	-	-	-	2	1	2	-	-	-	-	-	1	2	1	1	-	-	-	-	0	0	1	2	1	
3	Assistant Professors			0	1	-	1	-	-	-	3	0	5	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	3	1	5	0	1	-	-	-	-	-	3	0	5		
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Total			2	2	1	1	-	-	1	3	4	7	2	2	1	-	-	-	1	-	4	2	4	3	-	-	-	2	4	6	7	4	3	-	-	-	-	1	4	4	7	

For the year-2024-2025

**DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)**

ANNEXURE –VI

Name of the Department: Basic Science

Region & College Code:

1	C	D
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Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers										No. of Teachers with Doctoral Degree										No. of Teachers with Master's Degree										No. of Teachers with Bachelor's Degree									
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total	
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1	Professor			1	2					1	1	3	1	2	-	-	-	-	-	1		3	1	2					1	1	3	1	2			-			1	1	3		
2	Associate Professor			2	2		1		1	1	1	3	5	2	2		1		1	1	1	4	5	2	2		1		1	1	1	3	5	2	2		1	-	1	1	1	3	5
3	Assistant Professors			3	4		1		1	3	4	6	10	-	-	-	-	-	-	-	-	-	3	4		1		1	3	4	6	10	3	4		1	-	1	3	4	6	10	
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Total			6	8		2		2	4	6	10	18	2	4		1		1	2	4	7	6	08		2		2	4	6	10	18	6	8		2		2	4	6	10	18	

For the year-2024-2025

Region & College Code

1	C	D
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DETAILS OF TEACHING STAFF

(FOR THE ENTIRE COLLEGE)

Name of the Department: Language

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers								No. of Teachers with Doctoral Degree					No. of Teachers with Master's Degree					No. of Teachers with Bachelor's Degree																										
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total																
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F											
1	Professor			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
2	Associate Professor			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
3	Assistant Professors			1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-					
4	Others *			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	Total			1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

For the year-2024-2025

ANNEXURE –VI

Region & College Code

1	C	D
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DETAILS OF TEACHING STAFF
(FOR THE ENTIRE COLLEGE)

Name of the Department: M.Tech/CSE

Sl. No.	Designation	Scale of Pay	Vac.	Total No. of Teachers								No. of Teachers with Doctoral Degree					No. of Teachers with Master's Degree					No. of Teachers with Bachelor's Degree																
				GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total		GM		SC		ST		OBC		Total						
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	Professor			1	-	-	-	-	-	-	-	1		1						1		1						1		1						1		
2	Associate Professor				-	-	-	-	-	-	-																											
3	Assistant Professors				-	-	-	-	-	2	-	2														2		2								2		2
4	Others *				-	-	-	-	-	-	-																											
	Total			1						2	1	2	1	-	-	-	-	-	-	1		1	-	-	-	-	2	1	2	1	-	-	-	-	-	2	1	2

For the year-2024-2025

DETAILS OF NON-TEACHING STAFF
(FOR THE ENTIRE COLLEGE)
Working in Departments (Other than Administrative)

Sl.No.	Designation	Scale of Pay	Total No. of Staff								
			Male				Female				Total
			Gen	SC	ST	OBC	Gen	SC	ST	OBC	
1	Foreman			1		2					3
2	Draughtsman										
3	Instructor		10	3		17	4	01		05	43
4	Programmer					04					04
5	Mechanics										
6	Helpers							04		14	18
7	Peons	-									
8	Others (Specify)										
	Total		10	04		23	04	05		19	68

For the year-2024-2025

DETAILS OF ADMINISTRATIVE STAFF

Group – A

Sl. No.	Designation	No. Existing	Scale of Pay	Qualification	Total No. of Staff								
					Male				Female				Total
					Gen	SC	ST	OBC	Gen	SC	ST	OBC	
1	Administrative Officer			B.E M.Tch				2	1				03
2	Registrar			M B A	1								1
	Others (specified)	01										01	04

Group – B

Sl. No.	Designation	No. Existing	Scale of Pay	Qualification	Total No. of Staff								
					Male				Female				Total
					Gen	SC	ST	OBC	Gen	SC	ST	OBC	
1	Public Relations Officer												
2	Physical Education Director	01		M.A, M.Ped		1						1	2
3	Medical Officers	01		M.B.B.S,				1					1
4	Librarian	01		M.L.I.Se, M.A,P.hD				1					1

Group – C

Sl. No.	Designation	No. Existing	Scale of Pay	Qualification	Total No. of Staff								
					Male				Female				Total
					Gen	SC	ST	OBC	Gen	SC	ST	OBC	
1	First Division Assistants			Graduate	2	1		3	2			2	10
2	Second Division Assistants				4	3		14	1	1		4	27
3	Stenographers												
4	Typist												
5	Drivers				9	6	5	5					25
6	Others (specified)												

Group – D

Sl. No.	Designation	No. Existing	Scale of Pay	Qualification	Total No. of Staff								
					Male				Female				Total
					Gen	SC	ST	OBC	Gen	SC	ST	OBC	
1	Attenders			SSLC	6	2		5		2		1	16
2	Peons												
3	Others (Specify)												

For the year-2024-2025

Region & College Code:

1	C	D
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ADDITIONAL FACILITIES PROVIDED TO SC & ST STUDENTS, IF ANY:

- ❖ **Hostel Facilities with general students with out in sting the initial amount.**
- ❖ **Library will be working up to 10pm.**
- ❖ **Internet Facilities**
- ❖ **Scholarships facilities to all SC/ST students**
- ❖ **Placement facilities to top most software companies Industry measures are being taken up**
- ❖ **Provided to students Pen Drive, Calculator from Social Welfare Department.**

PRINCIPAL

For the year-2024-2025

ANNEXURE -X

Region & College Code:

1	C	D
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HOSTELS													
BOYS							GIRLS						
Hostel fees per year: a) Lodging: b) Boarding: ✓ c) Others:							Hostel fees per year: a) Lodging: b) Boarding: ✓ c) Others:						
Total capacity	No. of Hostels	Total Area, Sqm	Rented / Own	No. of SC Candidates	No. of ST Candidates	No. of students accommodated	Total capacity	No. of Hostels	Total Area, Sqm	Rented / Own	No. of SC Candidates	No. of ST Candidates	No. of students accommodated
372	01		Own	00	00	320	217	01		own	06	08	217

For the year-2024-2025

ANNEXURE – XVIII

Region & College Code:

1	C	D
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SPORTS

Sl. No.	Name of Sports event	No. of Students Participated at					Awards Won					Remarks
		University Level	Inter-Univ. Level	State Level	National Level	International Level	University Level	Inter-Univ. Level	State Level	National Level	International Level	
1	Yoga	02	02	02			02		02			
2	Yoga - W	01										
3	Kick Boxing		02									
					01					01		
4	VTU- I/C- Football	15										
5	VTU- I/C Swimming	01										
6	VTU- I/C- Athletics	08										
7	VTU- I/C- Badminton	08										
8	VTU- I/C- Power lifting	01										
9	VTU- I/C- Chess	05										
10	VTU- I/C – Basketball	12										
11	VTU- I/C- Cricket	15										
12	VTU- I/C- Best Physique	05										
13	VTU- I/C- Volleyball	10										

Note: Give Name, Branch, Class of Students in a separate list who have won Inter-University National, International events.

For the year-2024-2025

ANNEXURE – XIX

Region & College Code:

1	C	D
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STATISTICS

Type of Institution	Private Un-aided
No. of Teachers	194
No. of Non-teaching staff	158
<u>No. of students</u>	257
SC Boys	
Girls	183
Total	440
ST Boys	62
Girls	46
Total	108
GM Boys	756
Girls	421
Total	1177
OBC Boys	1416
Girls	981
Total	2397
All Boys	2489
Girls	1632
Total	4121

For the year-2024-2025

ANNEXURE – XX

STATISTICS OF THE DEGREE RESULTS

Final Degree Results Statistics for Boys and Girls												
Sl No.	Course	Number Appeared		Number Passed								Rank
		Total Men	Total Women	Total Men				Total Women				
				FCD	FC	SC	Total	FCD	FC	SC	Total	
1	AI&ML	42	24	41	0	1	42	24	0	0	24	
2	Automobile Engineering											
3	Bio-Medical Engineering											
4	Ceramics & Cement Technology											
5	Chemical Engineering											
6	Civil Engineering	7	6	7	0	0	7	5	0	1	06	
7	Computer Science & Engineering	119	85	115	4	0	119	85	0	0	85	
8	Electrical & Electronics	27	15	27	0	0	27	15	0	0	15	01
9	Electronics & Comm. Engineering	99	82	99	0	0	99	82	0	0	82	
10	Environmental Engineering											
11	Industrial Engineering & Management											
12	Industrial Production & Engineering											
13	Information Science Engineering	113	92	111	0	0	111	92	0	0	92	02
14	Instrumentation Technology											
15	Manufacturing Science & Engineering											
16	Mechanical Engineering	19	0	18	01	0	19	0	0	0	0	0
17	Medical Electronics											
18	Mining Engineering											
19	Polymer Science & Technology											
20	Printing Technology											
21	Silk Technology											
22	Telecommunication Engineering											
23	Textile Technology											

For the year-2024-2025

ANNEXURE – XXI

STATISTICS OF THE PG RESULTS

Final Degree Results Statistics for Boys and Girls												
Sl No.	Course	Number Appeared		Number Passed								Rank
		Total Men	Total Women	Total Men				Total Women				
				FCD	FC	SC	Total	FCD	FC	SC	Total	
1.	M. Tech/CSE	Programming is on going on										
2.	Master of Business Administration											
3.	Master in Computer Application											

For the year-2024-2025

ANNEXURE – XXIV

STATISTICS DATA OF STUDENTS

Region & College Code:

1	C	D
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Sl. No.	Course	Sanctio ned Int a ke	Total No. of Students Admitted			Vac.	I Semester UG												I-IV Year (In case of B.Arch. V)											
							GM			SC			ST			OBC			GM			SC			S T			OBC		
							M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	All Branches		2213	1369	3582		196	91	287	66	57	123	20	12	32	388	247	635	670	349	1019	220	150	370	51	34	85	1273	835	2108

M=Male F=Female T=Total

For the year-2024-2025

ANNEXURE – XXV

STATISTICS DATA OF STUDENTS

Region & College Code:

1	C	D
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Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	I Semester PG												I-II Year (In case of MCA III)											
							GM			SC			ST			OBC			GM			SC			ST			OBC		
			M	F	T		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	All Branches		276	263	539		27	30	57	23	12	35	6	4	10	81	86	167	85	72	157	37	33	70	11	12	23	143	146	289

M=Male F=Female T=Total