



CAMBRIDGE INSTITUTE OF TECHNOLOGY

An Autonomous Institution

K.R. PURAM, BANGALORE – 560 036, Ph: 080-2561 8798 / 2561 8799

Fax: 080-2561 8789, email: principal@cambridge.edu.in

Affiliated to VTU, Belagavi| Approved by AICTE, New Delhi| NAAC& NBA Accredited|
UGC 2(f) Certified| Recognized by Govt. of Karnataka

Autonomous Scheme

Format for marks entry by course instructors:

ESC / PCC / AEC(Theory) (04 or 03 or 02 Credit Courses)

Sl. No.	USN	Name of the Student	IA 1 (30 M)	IA 2 (30 M)	Imp. Test (IT)	Average of two IA (30 M)	Course Related Activities (CRA) 20 M		Total (50 M)
							Assign ment (5 M)	Course Seminars / Quiz / Group Discussions / Case Studies (15 M) OR Participation of online Certificate course (15 M)	IA + CRA (30 + 20)
1									
2									
3									

BSC / IESC / IPCC / IPEC/ AEC(Practical) (04 or 03 or 2 Credit Courses):

Sl. No.	USN	Name of the Student	IA1 (20 M)	IA2 (20 M)	Imp Test (IT)	Average of two IA (20 M)	Course Related Activities (CRA) 10 M		Practical (20 M) OR Guided Project / Research Paper / Survey Reports related to the course (20 M)	Total (50 M)
							Assignment (2 M)	Course Seminars / Quiz / Group Discussions / Case Studies (8 M)		IA + CRA + Practical (20+10+20)
1										
2										
3										



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Attainment Calculations:

PCC / AEC (theory course):

CIE Attainment: $0.6 * \text{IA Level} + 0.4 * \text{CRA Level}$

CO Attainment: $0.5 * \text{CIE Level} + 0.5 * \text{SEE Level}$

IPCC:

CIE Attainment: $0.4 * \text{IA Level} + 0.2 * \text{CRA Level} + 0.4 * \text{Practical Level}$

CO Attainment: $0.5 * \text{CIE Level} + 0.5 * \text{SEE Level}$

PCCL / AEC (practical course):

CO Attainment: $0.5 * \text{CIE Level} + 0.5 * \text{SEE Level}$

Legend:

ESC: Engineering Science Course

PCC: Programme Core Course

IPCC: Integrated Programme Ccore Course

PCCL: Programme Core Course Lab

AEC: Ability Enhancement Course

IOEC: Integrated Open Elective Course

HSMC: Humanity Sciences Mandatory Course



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Lab Rubrics:

PCC Lab

Continuous Evaluation			Test	
	Parameter	Marks	Parameter	Marks
a	Regularity	2	Write up	7
b	Observation	4	Conduction / Execution	25
c	Conduction	4	Result	10
d	Viva Voce	4	Viva Voce	8
e	Record Write up	6	Total Marks	50
Total Marks		20	2 test average shall be scaled down to 30 Marks	
Minimum Marks: 10			Minimum Marks: 15	

IPCC Lab

Continuous Evaluation			Test	
	Parameter	Marks	Parameter	Marks
a	Regularity	1	Write up	8
b	Observation	2	Conduction / Execution	25
c	Conduction	2	Result	5
d	Viva Voce	2	Viva Voce	8
e	Record Write up	3	Total Marks	50
Total Marks		10	1 test at the end of the semester and the scored marks shall be scaled down to 10 Marks	
Minimum Marks: 4			Minimum Marks: 6	

Continuous Internal Evaluation (every lab session)

PCC Lab:

Parameter	Allocated Marks	Low	Medium	High
Regularity (10%)	2	Absent		Present
		0 mark		2 marks
Observation (20%)	4	The student had not come prepared with the observation book for the lab session	The student had partially completed the observation book (no circuit / no design / no procedure / no expected graphs or formulae used for calculations)	The student had come with a fully prepared observation book for the lab session
		0 mark	1 – 2 marks	3 – 4 marks
Conduction / Execution (20%)	4	The student did not complete the conduct of experiment	The student partially completed the conduct of experiment (did not note the readings properly / did not complete the necessary calculations obtain the necessary results)	The student completed the experiment and obtained satisfactory results.
		0 mark	1 – 2 marks	3 – 4 marks
Viva-voce (20%)	4	The student did not answer any viva questions asked	The student answered few viva questions asked	The student answered all viva questions asked
		0 mark	1 – 2 marks	3 – 4 marks
Record Writing (30%)	6	The record was not submitted in the lab session	The record was submitted in the lab session but was incomplete(no or wrong circuit diagram / wrong procedure / wrong	Completed record was submitted in the lab session



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		tabulation or results or characteristics)	
	0 mark	1 – 3 marks	4 – 5 marks
Total 20 Marks			
Minimum Marks 10			

Continuous Internal Evaluation (every lab session)

IPCC Lab:

Parameter	Allocated Marks	Low	Medium	High
Regularity (10%)	1	Absent 0 mark		Present 1 marks
Observation (20%)	2	The student had not come prepared with the observation book for the lab session 0 mark	The student had partially completed the observation book (no circuit / no design / no procedure / no expected graphs or formulae used for calculations) 1 marks	The student had come with a fully prepared observation book for the lab session 2 marks
Conduction / Execution (20%)	2	The student did not complete the conduct of experiment 0 mark	The student partially completed the conduct of experiment (did not note the readings properly / did not complete the necessary calculations / did not obtain the necessary results) 1 marks	The student completed the experiment and obtained satisfactory results. 2 marks
Viva-voce (20%)	2	The student did not answer any viva questions asked 0 mark	The student answered few viva questions asked 1 marks	The student answered all viva questions asked 2 marks
Record Writing (30%)	3	The record was not submitted in the lab session	The record was submitted in the lab session but was incomplete(no or wrong circuit diagram / wrong	Completed record was submitted in the lab session



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			procedure / wrong tabulation or results or characteristics)	
		0 mark	1 mark	2 - 3 marks
Total 10 Marks				
Minimum Marks 4				

Lab Internals:

PCC Lab:

Parameter	Allocated Marks	Low	Medium	High
Writeup (14%)	7	The student did not complete the writeup	The student writeup had missing details (circuit / design / tabular column / formulae / expected characteristics / procedure / programme with algorithm)	The student completed the writeup within stipulated time
		0 mark	1 – 4 marks	5 – 7 marks
Conduct / Execution (50%)	25	The student did not conduct / execute the experiment	The student partially conducted / executed the experiment (missing calculations / wrong formulae)	The student completed the conduct / execution of experiment and
		0 mark	1 - 15 marks	16 – 25 marks
Results (20%)	10	No results	Results not as expected	Obtained satisfactory results
		0 mark	1 – 5 marks	6 – 10 marks
Viva-voce (16%)	8	The student did not answer any viva questions asked	The student answered few viva questions asked	The student answered all viva questions asked
		0 mark	1 – 4 marks	5 – 8 marks
Conduct 02 tests, each of 50 marks and the average of the two tests shall be scaled down to 30 marks				
Minimum Marks 15				



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Lab Internals:

IPCC Lab:

Parameter	Allocated Marks	Low	Medium	High
Writeup (16%)	8	The student did not complete the writeup	The student writeup had missing details (circuit / design / tabular column / formulae / expected characteristics / procedure / programme with algorithm)	The student completed the writeup within stipulated time
		0 mark	1 – 4 marks	5 – 8 marks
Conduct / Execution (50%)	25	The student did not conduct / execute the experiment	The student partially conducted / executed the experiment (missing calculations / wrong formulae)	The student completed the conduct / execution of experiment and
		0 mark	1 - 15 marks	16 – 25 marks
Results (10%)	5	No results	Results not as expected	Obtained satisfactory results
		0 mark	1 – 2 marks	3 – 5 marks
Viva-voce (24%)	12	The student did not answer any viva questions asked	The student answered few viva questions asked	The student answered all viva questions asked
		0 mark	1 – 15 marks	16 – 24 marks
1 test of 50 marks is conducted at the end of the semester and obtained marks shall be scaled down to 10 marks				
Minimum Marks 6				