



Maharshi Karve Stree Shikshan Samstha's
**Cummins College of Engineering
for Women**

Sharpening Engineering Acumen with a difference

NAAC Accredited

Approved by AICTE, New Delhi & DTE, Mumbai
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University



CRITERIA II (2.6)

STUDENTS PERFORMANCE AND LEARNING OUTCOMES

2.6.2: Attainment of POs and COs are evaluated.



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The departments of the college have defined course outcomes for each course in line with as per blooms taxonomy and the level mapping is done for course outcomes with program outcomes and program specific outcomes in the form of program articulation matrix and course articulation matrix. The course outcomes / program outcomes and program specific outcomes are discussed with the students at the very first lecture. Attainment levels of COs and subsequently with PO and PSO are computed and thus evaluated leading to gap analysis and actions to be initiated.

The attainment of COs and PO/PSOs are done in the following manner:

- Course outcomes are computed at the end of the course and POs and PSOs are evaluated once in duration of degree i.e. four years.
- An excel sheet is prepared for each course which further includes separate sheets for evaluation parameters such as sessional exams marks, assignments, other internal assessments, and university assessments.
- The cover sheet contains data about the course details, CO codes and attainment levels. Three levels are assigned.
- If 40% of the student scores more than or equal to 60% marks, then the attainment level is 1.
- If 50% of the student scores more than or equal to 60% marks, then the attainment level is 2.
- If 60% of the student scores more than or equal to 60% marks, then the attainment level is 3.
- Marks are entered in internal and university examination sheets as and when the assessment is done, and levels are obtained.
- The average sheet shows the average attainment level.
- CO attainment for each CO is computed in separate sheet. Here course end feedback is given weightage of 25% and other exams as 75%.
- Finally, an array is prepared for CO-PO-PSO mapping at the end brings CAM-PAM.
- The CO-PO-PSO mapping for all the course is then compiled in a single sheet.
- After attainment levels are compute, the levels are compared with target and the declaration is made for whether specific PO/PSO is attained or not.
- For attained PO/PSO the new target is defined for next session.
- For not satisfactory attained PO/PSO, the courses which COs are not attained properly are identified.
- For such identified responsible courses, the COs which are not attained are noted. This is referred as gap analysis.
- After gap analysis the curriculum delivery actions are taken, such as more problems solving sessions are conducted, lab program practice is taken, maths sessions are conducted, projects are executed.



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The CO sheet has separate sheets for sessional examinations, assignments, GD/Class Test/Seminar, University Result. The sessional examinations are conducted twice in the semester, whereas the course end feedback is collected at the end of the semester. Assignments are given thrice in the semester. Other

Internal assessments like seminars, class tests, GD activity, etc. are conducted by subject teachers as per the need. After feeding this data, average and final outcomes are computed as per the defined formula. The information related to CO-PO-PSO is posted on college website.



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Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
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PO-PSO ATTAINMENT MATRIX

Department of Electronics & Telecommunication Engineering

Admission Year: 2017-18

Passing Year: 2020-21



SUMMARY

PO/PSO	2020-21 PASSING BATCH			2021-22 PASSING BATCH			2022-23 PASSING BATCH		
	Attained Values	Target Value	Remark	Attained Values	Target Value	Remark	Attained Values	Target Value	Remark
PO1	2.04	1.5	Attained	2.29	2	Attained	1.98	2	Not attained
PO2	1.78	1.5	Attained	2.13	2	Attained	1.97	2	Not attained
PO3	1.74	1.5	Attained	2.12	2	Attained	2.13	2	Attained
PO4	2.06	1.5	Attained	2.13	2	Attained	1.98	2	Not attained
PO5	2.47	1.5	Attained	1.87	2	Not attained	2.22	2	Attained
PO6	2.14	1.5	Attained	2.86	2	Attained	2.13	2	Attained
PO7	1.53	1.5	Attained	2.39	2	Attained	2.68	2	Attained
PO8	2.70	1.5	Attained	2.70	2	Attained	2.52	2	Attained
PO9	1.34	1.5	Not attained	2.88	2	Attained	2.54	2	Attained
PO10	2.50	1.5	Attained	2.61	2	Attained	1.84	2	Not attained
PO11	2.03	1.5	Attained	2.82	2	Attained	2.68	2	Attained
PO12	0.91	1.5	Not attained	2.48	2	Attained	2.21	2	Attained
PSO1	2.37	1.5	Attained	2.39	2	Attained	1.97	2	Not attained
PSO2	1.63	1.5	Attained	2.01	2	Attained	1.02	2	Not attained
PSO3	2.70	1.5	Attained	2.58	2	Attained	2.61	2	Attained




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Department of Electronics & Telecommunication Engineering

PROGRAM ATTAINMENT MATRIX

ADMISSION YEAR: 2017-18

PASSED YEAR : 2020-21

SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	
SEM I (2017-18)	AM1	BESI-1T1	0.9	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	
		BESI-1T2	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T3	1.5	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T4	0.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T5	1.5	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T6	1.4	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EP	BESI-2T1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		BESI-2T2	1.7	1.7	1.7	-	-	-	-	-	-	-	-	-	1.7	-	-	-
		BESI-2T3	-	-	-	0.8	-	-	-	-	-	-	-	-	0.8	-	-	-
		BESI-2T4	0.9	-	-	-	-	-	-	-	-	-	-	-	0.9	-	-	-
	EC	BESI-3T1	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T2	1.7	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T3	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T4	1.8	1.8	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-
	BCE	BESI-4T1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T2	0.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T3	0.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T4	0.6	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-
	BEE	BESI-5T1	1.1	0.6	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-5T2	0.8	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-5T3	0.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-5T4	0.6	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
	EG	BESI-6T1	2.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-6T2	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESI-6T3		2.75	-	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	
BESI-6T4		2.75	-	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	



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SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	
SEM II (2017-18)	AM2	BESII-1T 1	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
		BESII-1T 2	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-1T 3	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-1T 4	1.4	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-1T 5	1.1	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-1T 6	1.7	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AP	BESII-2T1	1.2	1.2	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-
		BESII-2T2	-	-	-	1.4	-	-	-	-	-	-	-	-	1.4	-	-	-
		BESII-2T3	-	-	1.3	-	-	-	-	-	-	-	-	-	1.3	-	-	-
		BESII-2T4	-	1.2	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-
	MC	BESII-3T1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-3T2	1.9	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T3	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-3T4	2	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-
	AEE	BESI-4T1	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T2	1.3	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T3	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T4	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EM	BESI-5T1	0.6	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-
		BESI-5T2	-	0.6	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-
BESI-5T3		0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	0.1	-	-	-	
BESI-5T4		0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	0.1	-	-	-	
SEM III (2018-19)	M-III	BEETE301T.1	0.1	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	0.1	-
		BEETE301T.2	0.5	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	0.5	-
		BEETE301T.3	0.2	0.2	0.5	-	-	-	-	-	-	-	-	-	-	-	0.2	-
		BEETE301T.4	0.7	0.7	0.4	-	-	-	-	-	-	-	-	-	-	-	0.7	-
		BEETE301T.5	0.2	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	-
		BEETE301T.6	1.7	1.7	0.7	-	-	-	-	-	-	-	-	-	-	-	1.7	-
	EDC	BEETE302T.1	0.641	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BEETE302T.2	0.669	0.669	-	-	-	-	-	-	-	-	-	-	-	0.669	-	-
		BEETE302T.3	0.641	0.641	-	-	-	-	-	0.641	-	-	-	-	-	0.641	-	-
		BEETE302T.4	0.697	0.697	-	-	-	-	-	-	-	-	-	-	-	0.697	-	-
		BEETE302T.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-
		BEETE302T.6	0.613	-	-	-	-	-	-	0.613	-	-	-	-	-	0.613	-	-



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SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
SEM III (2018-19)	EMI	BEETE303T.1	2.634	—	—	—	—	—	—	—	—	—	—	—	2.634	—	—
		BEETE303T.2	3	3	—	—	—	—	—	—	—	—	—	—	3	—	—
		BEETE303T.3	2.494	—	—	2.494	—	—	—	—	—	—	—	—	2.494	—	—
		BEETE303T.4	—	2.691	—	—	—	—	—	—	—	—	—	—	2.691	—	—
		BEETE303T.5	—	0.975	—	—	—	—	—	—	—	—	—	—	0.975	—	—
		BEETE303T.6	1.088	0	—	1.088	—	—	—	—	—	—	—	—	1.088	—	—
	OOP&DS	BEETE304T.1	2.231	2.231	—	—	—	—	—	—	—	—	—	—	2.231	—	—
		BEETE304T.2	2.063	—	2.063	—	—	—	—	—	—	—	—	—	—	—	—
		BEETE304T.3	2.063	—	—	2.063	—	—	—	—	—	—	—	—	2.063	—	—
		BEETE304T.4	2.259	—	2.259	—	—	—	—	—	—	—	—	—	—	2.259	—
		BEETE304T.5	2.091	—	—	2.091	—	—	—	—	—	—	—	—	2.091	—	—
		BEETE304T.6	2.203	—	—	2.203	—	—	—	—	—	—	—	—	2.203	—	—
	NAS	BEETE305T.1	2.697	—	—	—	—	—	—	—	—	—	—	—	2.697	—	—
		BEETE305T.2	2.56	2.56	—	—	—	—	—	—	—	—	—	—	2.56	—	—
		BEETE305T.3	2.8	—	2.8	—	—	—	—	—	—	—	—	—	2.8	—	—
		BEETE305T.4	—	2.538	—	—	—	—	—	—	—	—	—	—	2.538	—	—
		BEETE305T.5	—	2.76	—	—	—	—	—	—	—	—	—	—	2.76	—	—
		BEETE305T.6	2.87	2.87	2.87	—	—	—	—	—	—	—	—	—	2.87	—	—
SEM IV (2018-19)	M-IV	BEETE401T.1	2.638	0.6	—	—	—	—	—	—	—	—	—	—	2.638	—	—
		BEETE401T.2	2.308	0.5	—	—	—	—	—	—	—	—	—	—	2.308	—	—
		BEETE401T.3	2.55	0.4	—	—	—	—	—	—	—	—	—	—	2.55	—	—
		BEETE401T.4	2.609	0.3	—	—	—	—	—	—	—	—	—	—	2.609	—	—
		BEETE401T.5	2.446	0.6	—	—	—	—	—	—	—	—	—	—	2.446	—	—
		BEETE401T.6	2.608	0.2	—	—	—	—	—	—	—	—	—	—	2.608	—	—
	PDM	BEETE402T.1	2.231	—	—	—	—	—	—	—	—	—	—	—	2.231	—	—
		BEETE402T.2	2.063	—	2.063	—	—	—	—	—	—	—	—	—	2.063	—	—
		BEETE402T.3	2.063	—	—	2.063	—	—	—	—	—	—	—	—	2.063	—	—
		BEETE402T.4	2.259	—	2.259	0	—	—	—	—	—	—	—	—	2.259	—	—
		BEETE402T.5	2.091	—	—	2.091	—	—	—	—	—	—	—	—	2.091	—	—
		BEETE402T.6	—	—	—	2.203	—	—	—	—	—	—	—	—	2.203	—	—
	EMF	BEETE403T.1	2.574	—	—	—	—	—	—	—	—	—	—	—	2.574	—	—
		BEETE403T.2	2.73	2.73	—	—	—	—	—	—	—	—	—	—	2.73	—	—
		BEETE403T.3	2.831	—	2.831	—	—	—	—	—	—	—	—	—	2.831	—	—




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SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
SEM IV (2018-19)	EMF	BEETE403T.4	_	3	0	_	_	_	_	_	_	_	_	_	3	_	_
		BEETE403T.5	_	2.88	0	_	_	_	_	_	_	_	_	_	2.88	_	_
		BEETE403T.6	3	3	3	_	_	_	_	_	_	_	_	_	3	_	_
	DCFM	BEETE404T.1	2.67	_	_	_	_	_	_	_	_	_	_	_	2.67	_	_
		BEETE404T.2	2.67	_	_	_	_	2.67	_	_	_	_	_	_	2.67	_	_
		BEETE404T.3	3	_	_	_	_	_	_	_	_	_	_	_	3	_	_
		BEETE404T.4	3	_	_	_	_	_	_	_	_	_	_	_	3	_	_
		BEETE404T.5	2.691	_	_	_	_	_	_	_	_	_	_	_	2.691	_	_
		BEETE404T.6	2.691	_	_	_	_	2.691	_	_	_	_	_	_	2.691	_	_
	S&S	BEETE405T.1	2.42	_	_	_	_	_	_	_	_	_	_	_	2.42	_	_
		BEETE405T.2	2.5	2.5	_	_	_	_	_	_	_	_	_	_	2.5	_	_
		BEETE405T.3	2.25	_	_	2.25	_	_	_	_	_	_	_	_	2.25	_	_
		BEETE405T.4	_	2.5	_	_	_	_	_	_	_	_	_	_	2.5	_	_
		BEETE405T.5	2.5	_	_	_	_	_	_	_	_	_	_	_	2.5	_	_
		BEETE405T.6	_	_	_	_	_	_	_	_	_	_	_	_	0	_	_
SEM V (2019-20)	AWP	BEETE501T.1	1.575	1.575	_	_	_	_	_	_	_	_	_	_	1.575	_	_
		BEETE501T.2	1.373	_	1.373	_	_	_	_	_	_	_	_	_	_	_	_
		BEETE501T.3	1.463	_	_	1.463	_	_	_	_	_	_	_	_	1.463	_	_
		BEETE501T.4	1.556	_	1.556	_	_	_	_	_	_	_	_	_	_	1.556	_
		BEETE501T.5	1.575	_	_	1.575	_	_	_	_	_	_	_	_	1.575	_	_
		BEETE501T.6	1.575	_	_	1.575	_	_	_	_	_	_	_	_	_	_	_
	MPMC	BEETE502T.1	3	_	_	_	_	_	_	_	_	_	_	_	3	_	_
		BEETE502T.2	0.975	_	0.975	_	_	_	_	_	_	_	_	_	0.975	_	_
		BEETE502T.3	0.975	_	0.975	_	_	_	_	_	_	_	_	_	0.975	_	_
		BEETE502T.4	0.975	_	0	_	_	_	_	_	_	_	_	_	0.975	_	_
		BEETE502T.5	0.975	0.975	0.975	_	_	_	_	_	_	_	_	_	0.975	_	_
		BEETE502T.6	0.975	_	_	0.975	_	_	_	_	_	_	_	_	1.088	_	_
	ACD	BEETE503T.1	2.656	2.656	_	_	_	_	_	_	_	_	_	_	2.656	_	_
		BEETE503T.2	2.469	2.469	_	_	_	_	_	_	_	_	_	_	2.469	_	_
		BEETE503T.3	0.725	0.725	_	_	_	_	_	_	_	_	_	_	0.725	_	_
BEETE503T.4		2.413	2.413	_	_	_	_	_	_	_	_	_	_	2.413	_	_	
BEETE503T.5		2.413	2.413	_	_	_	_	_	_	_	_	_	_	2.413	_	_	
BEETE503T.6		2.413	_	_	_	_	_	_	_	_	_	_	_	2.413	_	_	



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SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	
SEM V (2019-20)	CE	BEETE504T.1	0.75	-	-	-	-	-	-	-	-	-	-	-	0.75	-	-	
		BEETE504T.2	0.975	-	-	-	-	0.975	-	-	-	-	-	-	0.975	-	-	
		BEETE504T.3	0.75	-	-	-	-	-	-	-	-	-	-	-	0.75	-	-	
		BEETE504T.4	0.519	-	-	-	-	-	-	-	-	-	-	-	0.519	-	-	
		BEETE504T.5	0.537	-	-	-	-	-	-	-	-	-	-	-	0.537	-	-	
		BEETE504T.6	0.5	-	-	-	-	-	0.5	-	-	-	-	-	0.5	-	-	
	IEED	BEETE505T.1	-	-	-	-	-	-	0	-	-	-	-	1.309	-	-	1.309	-
		BEETE505T.2	-	-	-	-	-	-	0.975	-	-	-	-	0.975	-	-	0.975	-
		BEETE505T.3	-	-	-	-	-	-	1.463	-	-	-	-	1.463	-	-	1.463	-
		BEETE505T.4	-	-	-	-	-	-	-	-	-	1.338	1.338	1.338	-	-	1.338	-
		BEETE505T.5	-	-	-	-	-	-	1.463	-	-	-	-	1.463	-	-	1.463	-
BEETE505T.6		-	-	-	-	-	-	1.463	1.463	-	-	-	1.463	-	-	1.463	-	
SEM VI (2019-20)	TSS	BEETE601T.1	-	-	-	-	-	0	-	-	-	-	2.693	-	-	2.693	-	
		BEETE601T.2	-	-	-	-	-	-	2.693	-	-	-	-	2.693	-	-	2.693	-
		BEETE601T.3	-	-	-	-	-	-	2.84	-	-	-	-	2.84	-	-	2.84	-
		BEETE601T.4	-	-	-	-	-	-	-	-	-	2.84	2.84	-	-	2.84	-	
		BEETE601T.5	-	-	-	-	-	-	2.64	-	-	-	-	2.64	-	-	2.64	-
		BEETE601T.6	-	-	-	-	-	-	2.66	2.66	-	-	-	2.66	-	-	2.66	-
	DSP	BEETE602T.1	2.5	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-
		BEETE602T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE602T.3	0	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE602T.4	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE602T.5	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE602T.6	2.41	-	-	-	-	-	-	-	-	-	-	-	-	2.41	-	-
	CSE	BEETE603T.1	2.634	-	-	-	-	-	-	-	-	-	-	-	-	2.634	-	-
		BEETE603T.2	3	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		BEETE603T.3	2.414	2.414	-	-	-	-	-	-	-	-	-	-	-	2.414	-	-
		BEETE603T.4	2.691	2.691	-	-	-	-	-	-	-	-	-	-	-	-	2.691	-
		BEETE603T.5	2.414	2.414	-	-	-	-	-	-	-	-	-	-	-	2.414	-	-
		BEETE603T.6	2.414	-	-	-	-	-	-	-	-	-	-	-	-	2.414	-	-
DCOM	BEETE604T.1	2.497	-	-	-	-	-	-	-	-	-	-	-	-	2.497	-	-	
	BEETE604T.2	2.581	2.581	-	-	-	-	-	-	-	-	-	-	-	2.581	-	-	
	BEETE604T.3	2.75	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	




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SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	
SEM VI (2019-20)	DCOM	BEETE604T.4	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE604T.5	2.75	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE604T.6	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
	FE	BEETE605T.1	-	-	-	-	-	-	-	-	2.634	-	2.634	-	-	-	-	2.634
		BEETE605T.2	-	-	-	-	-	-	-	-	3	-	3	-	-	-	-	3
		BEETE605T.3	-	-	-	-	-	-	-	-	2.494	-	2.494	-	-	-	-	2.494
		BEETE605T.4	-	-	-	-	-	-	-	-	2.691	-	2.691	-	-	-	-	2.691
SEM VII (2020-21)	DSPP&A	BEETE701T.1	2.75	-	-	-	2.75	-	-	-	-	-	-	-	2.75	-	-	
		BEETE701T.2	2.75	2.75	-	-	2.75	-	-	-	-	-	-	-	2.75	-	-	
		BEETE701T.3	2.75	2.75	-	-	2.75	-	-	-	-	-	-	-	2.75	-	-	
		BEETE701T.4	2.75	-	2.75	-	2.75	-	-	-	-	-	-	-	2.75	-	-	
		BEETE701T.5	2.75	-	-	-	2.75	-	-	-	-	-	-	-	2.75	-	-	
		BEETE701T.6	2.75	2.75	-	-	2.75	-	-	-	-	-	-	-	2.75	-	-	
	TV&VE	BEETE702T.1	2.25	-	-	-	-	-	-	-	-	-	-	-	2.25	-	-	
		BEETE702T.2	2.4	-	-	2.23	-	-	-	-	-	-	-	-	2.4	-	-	
		BEETE702T.3	-	2.28	-	2.28	-	-	-	-	-	-	-	-	2.28	-	-	
		BEETE702T.4	2.23	-	-	-	-	-	-	-	-	-	-	-	2.23	-	-	
		BEETE702T.5	-	2.26	-	2.26	-	-	-	-	-	-	-	-	2.26	-	-	
		BEETE702T.6	2.26	-	-	-	-	-	-	-	-	-	-	-	2.26	-	-	
	OC	BEETE703T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE703T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE703T.3	3	-	-	3	-	-	-	-	-	-	-	-	3	-	-	
		BEETE703T.4	-	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE703T.5	2.75	-	-	2.75	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE703T.6	3	-	-	3	-	-	-	-	-	-	-	-	3	-	-	
	ADSD	BEETE704T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE704T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE704T.3	2.413	-	-	2.41	-	-	-	-	-	-	-	-	2.413	-	-	
		BEETE704T.4	-	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE704T.5	-	2.41	-	-	-	-	-	-	-	-	-	-	2.41	-	-	
		BEETE704T.6	2.41	-	-	2.41	-	-	-	-	-	-	-	-	2.41	-	-	




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SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
SEM VII (2020-21)	VSP	BEETE705T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.3	2.66	-	-	-	-	-	-	-	-	-	-	-	2.66	-	-
		BEETE705T.4	-	-	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.5	2.75	-	-	2.75	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.6	3	-	-	-	-	-	3	-	-	-	-	-	3	-	-
	DC&E	BEETE705T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.2	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.3	2.75	-	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.4	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.5	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.6	2.75	-	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-
SEM VIII (2020-21)	MRE	BEETE801T.1	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		BEETE801T.2	3	-	-	-	-	-	3	-	-	-	-	-	3	-	-
		BEETE801T.3	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		BEETE801T.4	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE801T.5	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE801T.6	3	-	-	-	-	-	3	-	-	-	-	-	3	-	-
	CCN	BEETE802T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE802T.2	2.75	-	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE802T.3	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE802T.4	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE802T.5	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE802T.6	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
	WMC	BEETE803T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE803T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE803T.3	2.41	2.41	-	-	-	-	-	-	-	-	-	-	2.41	-	-
		BEETE803T.4	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE803T.5	2.41	2.41	-	-	-	-	-	-	-	-	-	-	2.41	-	-
		BEETE803T.6	2.41	-	-	-	-	-	-	-	-	-	-	-	2.41	-	-



SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
SEM VIII (2020-21)	DIP	BEETE804T.1	—	2.74	—	—	—	—	—	—	—	—	—	—	2.74	—	—
		BEETE804T.2	0.97	0	0.97	—	—	—	—	—	—	—	—	—	0.97	—	—
		BEETE804T.3	2.667	2.667	2.667	—	—	—	—	—	—	—	—	—	2.667	—	—
		BEETE804T.4	2.68	—	2.68	—	—	—	—	—	—	—	—	—	2.68	—	—
		BEETE804T.5	—	—	2.62	2.62	—	—	—	—	—	—	—	—	2.62	—	—
		BEETE804T.6	—	2.663	2.663	2.663	2.663	—	—	—	—	—	—	—	2.663	—	—
	SATCOM	BEETE805T.1	2.75	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE805T.2	2.75	2.75	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE805T.3	2.413	—	—	2.41	—	—	—	—	—	—	—	—	2.413	—	—
		BEETE805T.4	—	2.75	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE805T.5	—	2.41	—	—	—	—	—	—	—	—	—	—	2.41	—	—
		BEETE805T.6	2.41	0	—	2.41	—	—	—	—	—	—	—	—	2.41	—	—
TOTAL ATTAINMENT			381.317	180.2	67.8	59.63	19.76	32.03	9.177	10.82	1.338	15	24.38	10.9	364.5	34.283	10.819
AVERAGE ATTAINMENT			2.04	1.78	1.74	2.06	2.47	2.14	1.53	2.70	1.34	2.50	2.03	0.91	2.37	1.63	2.70





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Admission Year: 2018-19

Passing Year: 2021-22



Department of Electronics & Telecommunication Engineering

PROGRAM ATTAINMENT MATRIX

ADMISSION YEAR: 2018-19

PASSED YEAR : 2021-22

SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	
SEM I (2018-19)	AM1	BESI-1T1	1.8125	1.8125	-	-	-	-	-	-	-	-	-	-	-	-	-	
		BESI-1T2	1.725	1.725	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T3	2.378	2.378	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T4	1.6225	1.6225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T5	1.517	1.517	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T6	1.75	1.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EP	BESI-2T1	-	2.686	-	-	-	-	-	-	-	-	-	-	2.686	-	-	-
		BESI-2T2	2.53	2.5	2.53	-	-	-	-	-	-	-	-	-	2.53	-	-	-
		BESI-2T3	-	-	-	2.47	-	-	-	-	-	-	-	-	2.47	-	-	-
		BESI-2T4	2.43	-	-	-	-	-	-	-	-	-	-	-	2.43	-	-	-
	EC	BESI-3T1	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T2	1.9	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T3	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T4	1.9	1.9	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-
	BCE	BESI-4T1	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T2	1.3	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T3	-	1.3	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T4	1.4	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-
	BEE	BESI-5T1	1.92	1.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-5T2	2.364	2.364	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESI-5T3		1.85	1.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BESI-5T4		1.978	1.978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EG	BESI-6T1	2.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	BESI-6T2	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	BESI-6T3	2.75	-	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	
	BESI-6T4	2.75	-	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	



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SEM II (2018-19)	M2	BESII-1T 1	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
		BESII-1T 2	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-1T 3	0.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-1T 4	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-1T 5	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-1T 6	2.1	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AP	BESII-2T1	2.4	2.4	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-
		BESII-2T2	-	-	-	2.4	-	-	-	-	-	-	-	2.4	-	-	-	-
		BESII-2T3	-	-	2.6	-	-	-	-	-	-	-	-	2.6	-	-	-	-
		BESII-2T4	-	2.3	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-
	MC	BESII-3T1	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-3T2	1.9	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T3	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESII-3T4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AEE	BESI-4T1	2.145	2.145	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T2	1.985	1.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESI-4T3		1.88	1.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BESI-4T4		2.138	2.138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EM	BESI-5T1	2.138	-	-	-	-	-	-	-	-	-	-	2.138	-	-	-	-	
	BESI-5T2	2.145	2.145	-	-	-	-	-	-	-	-	-	2.145	-	-	-	-	
	BESI-5T3	2.138	-	-	-	-	-	-	-	-	-	-	2.138	-	-	-	-	
	BESI-5T4	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	-	-	
SEM III (2019-20)	M-III	BEETE301T.1	2.85	2.85	-	-	-	-	-	-	-	-	-	2.85	-	-	-	
		BEETE301T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-	-	
		BEETE301T.3	2	2	-	-	-	-	-	-	-	-	-	2	-	-	-	
		BEETE301T.4	2.13	2.13	-	-	-	-	-	-	-	-	-	2.13	-	-	-	
		BEETE301T.5	2.44	2.44	-	-	-	-	-	-	-	-	-	2.44	-	-	-	
		BEETE301T.6	2.6	2.6	-	-	-	-	-	-	-	-	-	2.6	-	-	-	
	EDC	BEETE302T.1	1.9	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-	
		BEETE302T.2	-	1.9	-	-	-	-	-	-	-	-	-	1.9	-	-	-	
		BEETE302T.3	-	1.75	-	-	-	-	-	-	-	-	-	1.75	-	-	-	
		BEETE302T.4	-	1.9	-	-	-	-	-	-	-	-	-	1.9	-	-	-	
		BEETE302T.5	-	1.75	1.75	-	-	-	-	-	-	-	-	1.75	-	-	-	
		BEETE302T.6	-	1.55	-	-	-	-	-	-	-	-	-	1.55	-	-	-	

SEM III (2019-20)	EMI	BEETE303T.1	0.725	-	-	-	-	-	-	-	-	-	-	-	0.73	-	-		
		BEETE303T.2	0.658	0.66	-	-	-	-	-	-	-	-	-	-	-	0.66	-	-	
		BEETE303T.3	-	-	0.725	0.73	-	-	-	-	-	-	-	-	-	-	0.73	-	-
		BEETE303T.4	0.894	0.89	-	-	-	-	-	-	-	-	-	-	-	0.89	-	-	
		BEETE303T.5	-	-	0.697	0.7	-	-	-	-	-	-	-	-	-	-	-	0.7	-
		BEETE303T.6	0.781	0.78	-	-	-	-	-	-	-	-	-	-	-	0.78	-	-	
	OOP&DS	BEETE304T.1	1.45	-	-	-	-	-	-	-	-	-	-	-	-	1.45	-	-	
		BEETE304T.2	1.15	1.15	-	-	-	-	-	-	-	-	-	-	-	1.15	-	-	
		BEETE304T.3	1.15	-	-	-	-	-	-	-	-	-	-	-	-	1.15	-	-	
		BEETE304T.4	-	1.5	-	-	-	-	-	-	-	-	-	-	-	1.5	-	-	
		BEETE304T.5	-	1.25	-	-	-	-	-	-	-	-	-	-	-	1.25	-	-	
		BEETE304T.6	1.55	-	-	-	-	-	-	-	-	-	-	-	-	1.55	-	-	
	NAS	BEETE305T.1	1.686	1.686	-	-	-	-	-	-	-	-	-	-	-	1.686	1.686	-	
		BEETE305T.2	1.745	1.745	-	-	-	-	-	-	-	-	-	-	-	1.745	1.745	-	
		BEETE305T.3	1.532	1.532	-	-	-	-	-	-	-	-	-	-	-	1.532	1.532	-	
		BEETE305T.4	1.66	1.66	-	-	-	-	-	-	-	-	-	-	-	1.66	1.66	-	
		BEETE305T.5	1.96	1.96	-	-	-	-	-	-	-	-	-	-	-	1.96	1.96	-	
		BEETE305T.6	1.74	1.74	-	-	-	-	-	-	-	-	-	-	-	1.74	1.74	-	
SEM IV (2019-20)	M-IV	BEETE401T.1	2.66	2.664	-	-	-	-	-	-	-	-	-	-	2.664	2.664	-		
		BEETE401T.2	2.54	2.538	-	-	-	-	-	-	-	-	-	-	2.538	2.538	-		
		BEETE401T.3	2.89	2.89	-	-	-	-	-	-	-	-	-	-	2.89	2.89	-		
		BEETE401T.4	2.64	2.638	-	-	-	-	-	-	-	-	-	-	2.638	2.638	-		
		BEETE401T.5	2.71	2.71	-	-	-	-	-	-	-	-	-	-	2.71	2.71	-		
		BEETE401T.6	2.33	2.33	-	-	-	-	-	-	-	-	-	-	2.328	2.33	-		
	PDM	BEETE402T.1	2.12	2.12	-	-	-	-	-	-	-	-	-	-	2.12	2.12	-		
		BEETE402T.2	1.984	1.984	-	-	-	-	-	-	-	-	-	-	1.984	1.984	-		
		BEETE402T.3	2.23	2.23	-	-	-	-	-	-	-	-	-	-	2.23	2.23	-		
		BEETE402T.4	1.846	1.846	-	-	-	-	-	-	-	-	-	-	1.846	1.846	-		
		BEETE402T.5	2.18	2.18	-	-	-	-	-	-	-	-	-	-	2.18	2.18	-		
		BEETE402T.6	1.95	1.95	-	-	-	-	-	-	-	-	-	-	1.95	1.95	-		
	EMF	BEETE403T.1	1.9	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-		
		BEETE403T.2	1.9	1.9	-	-	-	-	-	-	-	-	-	-	1.9	-	-		
		BEETE403T.3	1.53	-	1.53	-	-	-	-	-	-	-	-	-	1.53	-	-		

SEM IV (2019-20)	EMF	BEETE403T.4	-	1.53	-	-	-	-	-	-	-	-	-	-	1.53	-	-	
		BEETE403T.5	-	1.9	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-
		BEETE403T.6	1.76	1.76	-	1.76	-	-	-	-	-	-	-	-	-	1.76	-	-
	DCFM	BEETE404T.1	2.71	-	-	-	-	-	-	-	-	-	-	-	-	2.71	-	-
		BEETE404T.2	2.67	-	-	-	-	2.67	-	-	-	-	-	-	-	2.67	-	-
		BEETE404T.3	2.66	-	-	-	-	-	-	-	-	-	-	-	-	2.66	-	-
		BEETE404T.4	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		BEETE404T.5	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		BEETE404T.6	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
	S&S	BEETE405T.1	2.42	-	-	-	-	-	-	-	-	-	-	-	-	2.42	-	-
		BEETE405T.2	2.5	2.5	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-
		BEETE405T.3	2.25	-	-	2.25	-	-	-	-	-	-	-	-	-	2.25	-	-
		BEETE405T.4	-	2.5	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-
		BEETE405T.5	-	2.5	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-
		BEETE405T.6	2.41	-	-	-	-	-	-	-	-	-	-	-	-	2.41	-	-
	SEM V (2020-21)	AWP	BEETE501T.1	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
			BEETE501T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-
			BEETE501T.3	2.75	-	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-
BEETE501T.4			1.73	-	1.73	-	-	-	-	-	-	-	-	-	1.73	-	-	
BEETE501T.5			2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
BEETE501T.6			1.73	1.73	-	1.73	-	-	-	-	-	-	-	-	1.73	-	-	
MPMC		BEETE502T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE502T.2	2.75	-	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE502T.3	2.75	-	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE502T.4	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE502T.5	1.9	1.9	1.9	-	-	-	-	-	-	-	-	-	1.9	-	-	
		BEETE502T.6	1.9	1.9	-	-	-	-	-	-	-	-	-	-	1.9	-	-	
ACD		BEETE503T.1	2.83	-	-	-	-	-	-	-	-	-	-	-	2.83	-	-	
		BEETE503T.2	3	3	-	-	-	-	-	-	-	-	-	-	3	-	-	
		BEETE503T.3	0.86	0.863	-	-	-	-	-	-	-	-	-	-	0.863	-	-	
		BEETE503T.4	2.83	2.83	-	-	-	-	-	-	-	-	-	-	2.83	-	-	
		BEETE503T.5	3	3	-	-	-	-	-	-	-	-	-	-	3	-	-	
		BEETE503T.6	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	

SEM V (2020-21)	CE	BEETE504T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE504T.2	2.75	-	-	-	-	2.75	-	-	-	-	-	-	-	2.75	-	-
		BEETE504T.3	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE504T.4	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE504T.5	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE504T.6	2.75	-	-	-	-	2.75	-	-	-	-	-	-	-	2.75	-	-
	IEED	BEETE505T.1	-	-	-	-	-	-	-	-	-	-	-	2.763	-	-	-	2.763
		BEETE505T.2	-	-	-	-	-	2.875	-	-	-	-	-	2.875	-	-	-	2.875
		BEETE505T.3	-	-	-	-	-	2.763	-	-	-	-	-	2.763	-	-	-	2.763
		BEETE505T.4	-	-	-	-	-	-	-	2.875	2.25	2.875	-	-	-	-	-	2.875
		BEETE505T.5	-	-	-	-	-	2.763	-	-	-	-	-	2.763	-	-	-	2.763
BEETE505T.4		-	-	-	-	-	2.875	2.875	-	-	-	-	2.875	-	-	-	2.875	
SEM VI (2020-21)	TSS	BEETE601T.1	3	-	-	-	-	0	-	-	-	-	-	-	3	-	-	
		BEETE601T.2	3	-	-	-	-	3	-	-	-	-	-	-	3	-	-	
		BEETE601T.3	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
		BEETE601T.4	2.75	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
		BEETE601T.5	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE601T.6	3	-	-	-	-	3	-	-	-	-	-	-	2	-	-	
	DSP	BEETE602T.1	2.369	-	-	-	-	-	-	-	-	-	-	-	-	2.369	-	-
		BEETE602T.2	2.515	2.515	-	-	-	-	-	-	-	-	-	-	-	2.515	-	-
		BEETE602T.3	2.403	-	-	2.403	-	-	-	-	-	-	-	-	-	2.403	-	-
		BEETE602T.4	-	2.481	-	-	-	-	-	-	-	-	-	-	-	2.481	-	-
		BEETE602T.5	-	2.2	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-
		BEETE602T.6	2.369	-	-	2.369	-	-	-	-	-	-	-	-	-	2.369	-	-
	CSE	BEETE603T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE603T.2	1.9	1.9	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-
		BEETE603T.3	1.9	-	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-
		BEETE603T.4	-	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE603T.5	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE603T.6	1.73	-	-	-	-	-	-	-	-	-	-	-	-	1.73	-	-
	DCOM	BEETE604T.1	2.5	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-
		BEETE604T.2	2.58	2.58	-	-	-	-	-	-	-	-	-	-	-	2.58	-	-
		BEETE604T.3	2.58	2.58	-	-	-	-	-	-	-	-	-	-	-	2.58	-	-
BEETE604T.4		2.75	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
BEETE604T.5		2.75	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	

SEM VI (2020-21)	FE	BEETE605T.1	-	-	-	-	-	-	-	2.634	-	2.634	-	-	-	-	2.634		
		BEETE605T.2	-	-	-	-	-	-	-	-	3	-	3	-	-	-	-	3	
		BEETE605T.3	-	-	-	-	-	-	-	-	2.494	-	2.494	-	-	-	-	2.494	
		BEETE605T.4	-	-	-	-	-	-	-	-	2.691	-	2.691	-	-	-	-	2.691	
SEM VII (2021-22)	DSPP&A	BEETE701T.1	1.98	-	-	-	-	1.98	-	-	-	-	-	-	-	-	1.98	-	
		BEETE701T.2	1.98	1.98	-	-	-	-	1.98	-	-	-	-	-	-	-	-	1.98	-
		BEETE701T.3	1.98	1.98	-	-	-	-	1.98	-	-	-	-	-	-	-	-	1.98	-
		BEETE701T.4	1.83	1.83	-	-	-	-	1.83	-	-	-	-	-	-	-	-	1.83	-
		BEETE701T.5	1.73	1.72	-	-	-	-	1.73	-	-	-	-	-	-	-	-	1.73	-
		BEETE701T.6	1.73	0	-	-	-	-	1.73	-	-	-	-	-	-	-	-	1.73	-
	T&VE	BEETE702T.1	1.87	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BEETE702T.2	1.78	1.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BEETE702T.3	1.955	1.955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BEETE702T.4	2.12	2.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BEETE702T.5	1.82	1.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BEETE702T.6	1.966	1.966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OC	BEETE703T.1	-	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-
		BEETE703T.2	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-
		BEETE703T.3	2.75	-	-	3	-	-	-	-	-	-	-	-	2.75	2.75	-	-	-
		BEETE703T.4	-	2.75	-	-	-	-	-	-	-	-	-	-	2.75	2.75	-	-	-
		BEETE703T.5	2.75	-	-	2.75	-	-	-	-	-	-	-	-	2.75	2.75	-	-	-
		BEETE703T.6	3	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2.75	-
	ADSD	BEETE704T.1	2.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-
		BEETE704T.2	2.53	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-
		BEETE704T.3	2.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-
		BEETE704T.4	0	-	-	2.56	-	-	-	-	-	-	-	-	-	-	-	2.58	-
		BEETE704T.5	0	-	-	2.41	-	-	-	-	-	-	-	-	-	-	-	2.47	-
		BEETE704T.6	2.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.47	-
VSP	BEETE705T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	
	BEETE705T.2	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	
	BEETE705T.3	2.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.61	-	
	BEETE705T.4	2.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.58	-	
	BEETE705T.5	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	
	BEETE705T.6	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	

SEM VII (2021-22)	DCE	BEETE705T.1	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE705T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE705T.3	2.61	2.61	-	-	-	-	-	-	-	-	-	-	-	2.61	-	-
		BEETE705T.4	2.58	2.58	-	-	-	-	-	-	-	-	-	-	-	2.58	-	-
		BEETE705T.5	2.67	2.67	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-
		BEETE705T.6	2.67	2.67	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
SEM VIII (2021-22)	MRE	BEETE801T.1	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
		BEETE801T.2	3	-	-	-	-	3	-	-	-	-	-	-	3	-	-	
		BEETE801T.3	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
		BEETE801T.4	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE801T.5	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE801T.6	3	-	-	-	-	3	-	-	-	-	-	-	3	-	-	
	CCN	BEETE802T.1	2.41	-	-	-	-	-	-	-	-	-	-	-	2.413	-	-	
		BEETE802T.2	2.64	-	2.64	-	-	-	-	-	-	-	-	-	2.638	-	-	
		BEETE802T.3	2.58	2.58	-	-	-	-	-	-	-	-	-	-	2.581	-	-	
		BEETE802T.4	2.53	-	-	-	-	-	-	-	-	-	-	-	2.525	-	-	
		BEETE802T.5	2.41	2.41	-	-	-	-	-	-	-	-	-	-	2.413	-	-	
		BEETE802T.6	2.41	-	-	-	-	-	-	-	-	-	-	-	2.413	-	-	
	WMC	BEETE803T.1	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE803T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE803T.3	2.61	2.61	-	-	-	-	-	-	-	-	-	-	2.61	-	-	
		BEETE803T.4	2.58	2.58	-	-	-	-	-	-	-	-	-	-	2.58	-	-	
		BEETE803T.5	2.67	2.67	-	-	-	-	-	-	-	-	-	-	2.66	-	-	
		BEETE803T.6	2.67	2.67	-	-	-	-	-	-	-	-	-	-	2.66	-	-	
	ES	BEETE804T.1	2.5	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-	
		BEETE804T.2	2.58	2.58	-	-	-	-	-	-	-	-	-	-	2.58	-	-	
		BEETE804T.3	2.58	2.58	-	-	-	-	-	-	-	-	-	-	2.58	-	-	
		BEETE804T.4	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE804T.5	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	

SEM VIII (2021-22)	CVD	BEETE805T.1	2.75	2.75	-	-	-	-	-	-	-	-	-	-	2.75	-	-	
		BEETE805T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE805T.3	2.61	2.61	-	-	-	-	-	-	-	-	-	-	-	2.61	-	-
		BEETE805T.4	2.58	2.58	-	-	-	-	-	-	-	-	-	-	-	2.58	-	-
		BEETE805T.5	2.67	2.67	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-
		BEETE805T.6	2.67	2.67	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
TOTAL ATTAINMENT			444.1	274.9	33.9	31.93	11.23	31.45	4.775	10.82	2.875	13.07	16.91	37.24	378.22	50.363	28.433	
AVERAGE ATTAINMENT			2.289	2.131	2.119	2.129	1.872	2.859	2.388	2.705	2.875	2.614	2.819	2.482	2.3938	2.01452	2.58482	



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PO-PSO ATTAINMENT MATRIX

Department of Electronics & Telecommunication Engineering

Admission Year: 2019-20

Passing Year: 2022-23



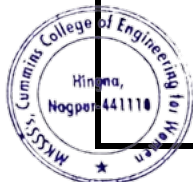
Department of Electronics & Telecommunication Engineering

PROGRAM ATTAINMENT MATRIX

ADMISSION YEAR: 2019-20

PASSED YEAR : 2022-23

SEM	Course	Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	
SEM I (2019-20)	M1	BESI-1T1	0.63	0.625	-	-	-	-	-	-	-	-	-	-	-	-	-	
		BESI-1T2	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T3	0.89	0.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T4	0.61	0.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T5	0.46	0.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-1T6	0.87	0.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EP	BESI-2T1	-	2.3	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-
		BESI-2T2	2.3	2.3	2.3	-	-	-	-	-	-	-	-	-	2.3	-	-	-
		BESI-2T3	-	-	-	2.091	-	-	-	-	-	-	-	-	2.1	-	-	-
		BESI-2T4	2.3	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-
	EC	BESI-3T1	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T2	2.7	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T3	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-3T4	2.7	2.7	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-
	BCE	BESI-4T1	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T2	1.13	1.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T3	1.21	1.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-4T4	1.39	-	-	-	-	1.39	-	-	-	-	-	-	-	-	-	-
	BEE	BESI-5T1	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		BESI-5T2	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESI-5T3		1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BESI-5T4		1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EG	BESI-6T1	2.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	BESI-6T2	2.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	BESI-6T3	-	-	2.855	-	-	-	-	-	-	-	-	-	-	-	-	-	
	BESI-6T4	-	-	-	2.813	-	-	-	-	-	-	-	-	-	-	-	-	



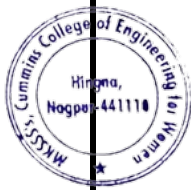
Kinind
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SEM II (2019-20)	M2	BESII-1T 1	1.23	1.225	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
		BESII-1T 2	1.47	1.473	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESII-1T 3	1.48	1.478	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESII-1T 4	1.42	1.422	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESII-1T 5	1.39	1.394	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESII-1T 6	1.51	1.506	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	AP	BESII-2T1	2.81	2.81	—	—	—	—	—	—	—	—	—	—	2.81	—	—	—	—	
		BESII-2T2	2.72	2.72	—	—	—	—	—	—	—	—	—	—	2.72	—	—	—	—	
		BESII-2T3	2.66	2.66	—	—	—	—	—	—	—	—	—	—	2.66	—	—	—	—	
		BESII-2T4	2.83	2.83	—	—	—	—	—	—	—	—	—	—	2.83	—	—	—	—	
	MC	BESII-3T1	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESII-3T2	2.9	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESI-3T3	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESII-3T4	2.8	2.8	—	—	—	—	—	2.8	—	—	—	—	—	—	—	—	—	
	AEE	BESI-4T1	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESI-4T2	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESI-4T3	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		BESI-4T4	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	EM	BESI-5T1	1.51	—	—	—	—	—	—	—	—	—	—	—	1.51	—	—	—	—	
		BESI-5T2	1.94	1.94	—	—	—	—	—	—	—	—	—	—	1.94	—	—	—	—	
BESI-5T3		1.68	—	—	—	—	—	—	—	—	—	—	—	1.68	—	—	—	—		
BESI-5T4		1.33	—	—	—	—	—	—	—	—	—	—	—	1.33	—	—	—	—		
SEM III (2020-21)	M-III	BEETE301T.1	2.28	2.28	2.275	—	—	—	—	—	—	—	—	—	2.28	—	—	—		
		BEETE301T.2	1.94	1.94	1.938	—	—	—	—	—	—	—	—	—	1.94	—	—	—	—	
		BEETE301T.3	2.16	2.16	2.163	—	—	—	—	—	—	—	—	—	2.16	—	—	—	—	
		BEETE301T.4	2.28	2.28	2.275	—	—	—	—	—	—	—	—	—	—	2.28	—	—	—	—
		BEETE301T.5	1.83	1.83	1.825	—	—	—	—	—	—	—	—	—	—	1.83	—	—	—	—
		BEETE301T.6	1.94	1.94	1.938	—	—	—	—	—	—	—	—	—	—	1.94	—	—	—	—
	EDC	BEETE302T.1	1.95	—	—	—	—	—	—	—	—	—	—	—	—	1.95	—	—	—	—
		BEETE302T.2	—	1.83	—	—	—	—	—	—	—	—	—	—	—	1.83	—	—	—	—
		BEETE302T.3	—	1.87	—	—	—	—	—	—	—	—	—	—	—	1.87	—	—	—	—
		BEETE302T.4	—	1.92	—	—	—	—	—	—	—	—	—	—	—	1.92	—	—	—	—
		BEETE302T.5	—	1.76	1.76	—	—	—	—	—	—	—	—	—	—	1.76	—	—	—	—
		BEETE302T.6	—	1.85	—	—	—	—	—	—	—	—	—	—	—	1.85	—	—	—	—



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SEM III (2020-21)	EMI	BEETE303T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE303T.2	1.9	-	1.9	-	-	-	-	-	-	-	-	-	1.9	-	-
		BEETE303T.3	1.9	-	1.9	-	-	-	-	-	-	-	-	-	1.9	-	-
		BEETE303T.4	2.75	-	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE303T.5	2.75	2.75	2.75	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE303T.6	-	1.73	-	-	-	-	-	-	-	-	-	-	1.73	-	-
	OOPS&DS	BEETE304T.1	2.74	-	-	-	-	-	-	-	-	-	-	-	1.95	-	-
		BEETE304T.2	2.83	2.83	-	-	-	-	-	-	-	-	-	-	1.9	-	-
		BEETE304T.3	-	-	2.66	-	-	-	-	-	-	-	-	-	1.65	-	-
		BEETE304T.4	-	-	2.74	-	-	-	-	-	-	-	-	-	1.95	-	-
		BEETE304T.5	-	-	-	-	2.747	-	-	-	-	-	-	-	1.95	-	-
		BEETE304T.6	-	2.74	-	-	-	-	-	-	-	-	-	-	1.95	-	-
	NAS	BEETE305T.1	2.01	-	-	-	-	-	-	-	-	-	-	-	2.01	-	-
		BEETE305T.2	2.12	2.12	-	-	-	-	-	-	-	-	-	-	2.12	-	-
		BEETE305T.3	1.98	-	-	1.98	-	-	-	-	-	-	-	-	1.98	-	-
		BEETE305T.4	-	1.86	-	-	-	-	-	-	-	-	-	-	1.86	-	-
		BEETE305T.5	-	1.92	-	-	-	-	-	-	-	-	-	-	1.92	-	-
		BEETE305T.6	1.88	0	-	1.88	-	-	-	-	-	-	-	-	1.88	-	-
SEM IV (2020-21)	M-4	BEETE401T.1	1.08	1.075	-	-	-	-	-	-	-	-	-	-	1.075	1.075	-
		BEETE401T.2	0.96	0.963	-	-	-	-	-	-	-	-	-	-	0.9625	0.963	-
		BEETE401T.3	1.08	1.075	-	-	-	-	-	-	-	-	-	-	1.075	1.075	-
		BEETE401T.4	0.96	0.963	-	-	-	-	-	-	-	-	-	-	0.9625	0.963	-
		BEETE401T.5	1.08	1.075	-	-	-	-	-	-	-	-	-	-	1.075	1.075	-
		BEETE401T.6	0.96	0.963	-	-	-	-	-	-	-	-	-	-	0.9625	0.963	-
	PDM	BEETE402T.1	1.98	-	-	-	-	-	-	-	-	-	-	-	1.98	-	-
		BEETE402T.2	1.95	1.95	-	-	-	-	-	-	-	-	-	-	1.95	-	-
		BEETE402T.3	1.73	-	1.73	-	-	-	-	-	-	-	-	-	1.73	-	-
		BEETE402T.4	1.84	1.84	-	-	-	-	-	-	-	-	-	-	1.84	-	-
	EMF	BEETE403T.1	1.76	-	-	-	-	-	-	-	-	-	-	-	1.76	-	-
		BEETE403T.2	1.68	1.68	-	-	-	-	-	-	-	-	-	-	1.68	-	-
		BEETE403T.3	1.73	-	1.73	-	-	-	-	-	-	-	-	-	1.73	-	-
		BEETE403T.4	-	1.82	-	-	-	-	-	-	-	-	-	-	1.82	-	-
		BEETE403T.5	-	1.79	-	-	-	-	-	-	-	-	-	-	1.79	-	-
		BEETE403T.6	1.62	1.62	-	1.62	-	-	-	-	-	-	-	-	1.62	-	-



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SEM IV (2020-21)	DCFM	BEETE404T.1	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—	
		BEETE404T.2	2.75	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE404T.3	2.41	—	—	2.41	—	—	—	—	—	—	—	—	—	—	2.41	—	—
		BEETE404T.4	—	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE404T.5	—	2.41	—	—	—	—	—	—	—	—	—	—	—	—	2.41	—	—
		BEETE404T.6	2.41	—	—	2.41	—	—	—	—	—	—	—	—	—	—	2.41	—	—
	S&S	BEETE405T.1	2.41	—	—	—	—	—	—	—	—	—	—	—	—	—	2.41	—	—
		BEETE405T.2	2.75	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE405T.3	2.15	—	—	—	—	—	—	—	—	—	—	—	—	—	2.15	—	—
		BEETE405T.4	—	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
BEETE405T.5		2.41	2.41	—	—	—	—	—	—	—	—	—	—	—	—	2.41	—	—	
SEM V (2021-22)	AWP	BEETE501T.1	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—	
		BEETE501T.2	2.75	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE501T.3	2.41	2.41	—	—	—	—	—	—	—	—	—	—	—	—	2.41	—	—
		BEETE501T.4	2.75	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE501T.5	2.41	2.41	2.41	—	—	—	—	—	—	—	—	—	—	—	2.41	—	—
		BEETE501T.6	2.41	—	—	—	—	—	—	—	—	—	—	—	—	—	2.41	—	—
	MPMC	BEETE502T.1	2.75	—	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE502T.2	2.64	—	2.64	—	—	—	—	—	—	—	—	—	—	—	2.638	—	—
		BEETE502T.3	2.75	—	2.75	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE502T.4	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	2.58	—	—
		BEETE502T.5	2.75	2.75	2.75	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE502T.6	2.75	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
	ACD	BEETE503T.1	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	2.58	—	—
		BEETE503T.2	2.58	—	—	—	—	2.581	—	—	—	—	—	—	—	—	2.58	—	—
		BEETE503T.3	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	2.58	—	—
		BEETE503T.4	2.47	—	—	—	—	—	—	—	—	—	—	—	—	—	2.47	—	—
		BEETE503T.5	2.47	—	—	—	—	—	—	—	—	—	—	—	—	—	2.47	—	—
		BEETE503T.6	2.47	—	—	—	—	2.47	—	—	—	—	—	—	—	—	2.47	—	—
CE	BEETE504T.1	2.58	—	—	—	—	0	—	—	—	—	—	—	—	—	2.58	—	—	
	BEETE504T.2	2.58	—	—	—	—	2.581	—	—	—	—	—	—	—	—	2.58	—	—	
	BEETE504T.3	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	2.58	—	—	
	BEETE504T.4	2.47	—	—	—	—	—	—	—	—	—	—	—	—	—	2.47	—	—	
	BEETE504T.5	2.47	—	—	—	—	—	—	—	—	—	—	—	—	—	2.47	—	—	



SEM V (2021-22)	IEED	BEETE505T.1	-	-	-	-	-	-	-	-	-	-	2.763	-	-	-	2.7625	
		BEETE505T.2	-	-	-	-	-	-	2.875	-	-	-	-	2.875	-	-	-	2.875
		BEETE505T.3	-	-	-	-	-	-	2.763	-	-	-	-	2.763	-	-	-	2.7625
		BEETE505T.4	-	-	-	-	-	-	-	-	-	2.538	2.54	2.538	-	-	-	2.5375
		BEETE505T.5	-	-	-	-	-	-	2.575	-	-	-	-	2.575	-	-	-	2.575
		BEETE505T.6	-	-	-	-	-	-	2.538	2.538	-	-	-	2.538	-	-	-	2.5375
SEM VI (2021-22)	TSS	BEETE601T.1	2.75	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE601T.2	2.75	2.75	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE601T.3	2.609	2.61	-	-	-	-	-	-	-	-	-	-	-	2.61	-	-
		BEETE601T.4	2.581	2.58	-	-	-	-	-	-	-	-	-	-	-	2.58	-	-
		BEETE601T.5	2.666	2.67	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-
		BEETE601T.6	2.666	2.67	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
	DSP	BEETE602T.1	2.75	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	-
		BEETE602T.2	2.5	2.497	-	-	-	-	-	-	-	-	-	-	-	2.497	-	-
		BEETE602T.3	-	2.581	-	-	-	-	-	-	-	-	-	-	-	2.581	-	-
		BEETE602T.4	2.41	-	-	-	-	-	-	-	-	-	-	-	-	2.413	-	-
		BEETE602T.5	2.41	-	-	-	-	-	-	-	-	-	-	-	-	2.413	-	-
		BEETE602T.6	2.41	-	-	-	-	-	-	-	-	-	-	-	-	2.413	-	-
	CSE	BEETE603T.1	2.23	-	-	-	-	-	-	-	-	-	-	-	-	2.23	-	-
		BEETE603T.2	2.12	2.12	-	-	-	-	-	-	-	-	-	-	-	2.12	-	-
		BEETE603T.3	1.98	-	-	-	-	-	-	-	-	-	-	-	-	1.98	-	-
		BEETE603T.4	-	2.06	-	-	-	-	-	-	-	-	-	-	-	2.06	-	-
		BEETE603T.5	2.1	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-	-
		BEETE603T.6	1.82	-	-	-	-	-	-	-	-	-	-	-	-	1.82	-	-
	DCOM	BEETE604T.1	2.41	-	-	-	-	-	-	-	-	-	-	-	-	2.41	-	-
		BEETE604T.2	2.497	-	-	-	-	-	-	-	-	-	-	-	-	2.497	-	-
		BEETE604T.3	2.469	-	-	-	-	-	-	-	-	-	-	-	-	2.469	-	-
		BEETE604T.4	2.72	-	-	-	-	-	-	-	-	-	-	-	-	2.72	-	-
		BEETE604T.5	2.413	-	-	-	-	-	-	-	-	-	-	-	-	2.413	-	-
		BEETE604T.6	2.413	2.413	-	-	-	-	-	-	-	-	-	-	-	2.413	-	-
FE	BEETE605T.1	-	-	-	-	-	-	-	-	2.41	-	2.41	-	-	-	-	2.41	
	BEETE605T.2	-	-	-	-	-	-	-	-	2.497	-	2.497	-	-	-	-	2.497	
	BEETE605T.3	-	-	-	-	-	-	-	-	2.469	-	2.469	-	-	-	-	2.469	
	BEETE605T.4	-	-	-	-	-	-	-	-	2.72	-	2.72	-	-	-	-	2.72	



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**SEM VII
(2022-23)**

DSPP&A	BEETE701T.1	2.57	—	2.567	—	—	—	—	—	—	—	—	—	—	2.567	—	—
	BEETE701T.2	2.7	2.7	2.7	—	—	—	—	—	—	—	—	—	—	2.75	—	—
	BEETE701T.3	—	2.525	2.525	—	2.525	—	—	—	—	—	—	—	—	2.61	—	—
	BEETE701T.4	2.56	2.562	2.562	—	—	—	—	—	—	—	—	—	—	2.58	—	—
	BEETE701T.5	2.41	2.413	2.413	—	—	—	—	—	—	—	—	—	—	2.5	—	—
TV	BEETE702T.1	2.32	—	—	—	—	—	—	—	—	—	—	—	—	2.32	—	—
	BEETE702T.2	2.14	—	—	—	—	—	—	—	—	—	—	—	—	2.14	—	—
	BEETE702T.3	2.08	—	—	—	—	—	—	—	—	—	—	—	—	2.08	—	—
	BEETE702T.4	1.96	—	—	—	—	—	—	—	—	—	—	—	—	1.96	—	—
	BEETE702T.5	2.13	—	—	—	—	—	—	—	—	—	—	—	—	2.13	—	—
	BEETE702T.6	2.15	—	—	—	—	—	—	—	—	—	—	—	—	2.15	—	—
OC	BEETE703T.1	—	0.739	—	—	—	—	—	—	—	—	—	—	—	0.739	—	—
	BEETE703T.2	0.67	—	—	—	—	—	—	—	—	—	—	—	—	0.669	—	—
	BEETE703T.3	0.61	—	—	—	—	—	—	—	—	—	—	—	—	0.613	—	—
	BEETE703T.4	—	—	—	—	—	—	—	—	—	—	0.7	—	—	0.697	—	—
	BEETE703T.5	—	—	—	—	—	—	—	—	—	—	0.78	—	—	0.781	—	—
	BEETE703T.6	—	—	—	—	—	—	—	—	—	—	0.61	—	—	0.613	—	—
ADSD	BEETE704T.1	2.57	—	—	—	—	—	—	—	—	—	—	—	—	2.57	—	—
	BEETE704T.2	2.53	—	—	—	—	2.525	—	—	—	—	—	—	—	2.53	—	—
	BEETE704T.3	2.53	—	—	—	—	—	—	—	—	—	—	—	—	2.53	—	—
	BEETE704T.4	2.56	—	—	—	—	—	—	—	—	—	—	—	—	2.56	—	—
	BEETE704T.5	2.41	—	—	—	—	—	—	—	—	—	—	—	—	2.41	—	—
	BEETE704T.6	—	—	—	—	—	2.441	—	—	—	—	—	—	—	2.44	—	—
VSP	BEETE705T.1	0.76	—	—	—	—	—	—	—	—	—	—	—	—	0.76	—	—
	BEETE705T.2	0.61	0.61	—	—	—	—	—	—	—	—	—	—	—	0.61	—	—
	BEETE705T.3	0.61	—	0.61	—	—	—	—	—	—	—	—	—	—	0.61	—	—
	BEETE705T.4	0	—	0.61	—	—	—	—	—	—	—	—	—	—	0.61	—	—
	BEETE705T.5	0.61	—	—	0.61	—	—	—	—	—	—	—	—	—	0.61	—	—
	BEETE705T.6	0.61	—	—	—	—	0.61	—	—	—	—	—	—	—	0.61	—	—
DC&E	BEETE705T.1	1.1	—	—	—	—	—	—	—	—	—	—	—	—	1.1	—	—
	BEETE705T.2	1.1	—	—	—	—	—	—	—	—	—	—	—	—	1.1	—	—
	BEETE705T.3	—	0.86	—	—	—	—	—	—	—	—	—	—	—	0.86	—	—
	BEETE705T.4	—	0.86	—	—	—	—	—	—	—	—	—	—	—	0.86	—	—
	BEETE705T.5	0.86	—	—	—	—	—	—	—	—	—	—	—	—	0.86	—	—
	BEETE705T.6	0.86	—	0.86	—	—	—	—	—	—	—	—	—	—	0.86	—	—



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SEM VII (2022-23)	MRE	BEETE801T.1	—	—	—	—	—	—	—	—	—	—	—	—	0.95	—	—	
		BEETE801T.2	0.61	—	—	—	—	0.61	—	—	—	—	—	—	—	0.61	—	—
		BEETE801T.3	0.56	—	—	—	—	—	—	—	—	—	—	—	—	0.56	—	—
		BEETE801T.4	0.7	—	—	—	—	—	—	—	—	—	—	—	—	0.7	—	—
		BEETE801T.5	0.84	—	—	—	—	—	—	—	—	—	—	—	—	0.84	—	—
		BEETE801T.6	0.95	—	—	—	—	0.95	—	—	—	—	—	—	—	0.95	—	—
	CCN	BEETE802T.1	0.67	—	—	—	—	—	—	—	—	—	—	—	—	0.669	—	—
		BEETE802T.2	0.95	—	0.95	—	—	—	—	—	—	—	—	—	—	0.95	—	—
		BEETE802T.3	0.61	0.613	—	—	—	—	—	—	—	—	—	—	—	0.613	—	—
		BEETE802T.4	0.61	—	—	—	—	—	—	—	—	—	—	—	—	0.613	—	—
		BEETE802T.5	0.7	0.697	—	—	—	—	—	—	—	—	—	—	—	0.697	—	—
		BEETE802T.6	0.61	—	—	—	—	—	—	—	—	—	—	—	—	0.613	—	—
	WMC	BEETE803T.1	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE803T.2	2.75	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
		BEETE803T.3	2.61	—	—	—	—	—	—	—	—	—	—	—	—	2.61	—	—
		BEETE803T.4	2.58	—	—	—	—	—	—	—	—	—	—	—	—	2.58	—	—
		BEETE803T.5	2.67	—	—	—	—	—	—	—	—	—	—	—	—	2.5	—	—
		BEETE803T.6	2.67	—	—	—	—	—	—	—	—	—	—	—	—	2.75	—	—
	WSN	BEETE804T.1	2.5	—	—	—	—	—	—	—	—	—	—	—	—	2.5	—	—
		BEETE804T.2	2.58	2.58	—	—	—	—	—	—	—	—	—	—	—	2.58	—	—
		BEETE804T.3	2.58	2.58	—	—	—	—	—	—	—	—	—	—	—	2.58	—	—
	SATCOM	BEETE805T.1	1.1	—	—	—	—	—	—	—	—	—	—	—	—	1.1	—	—
		BEETE805T.2	1.6	—	—	—	—	—	—	—	—	—	—	—	—	1.6	—	—
		BEETE805T.3	1.1	—	—	—	—	—	—	—	—	—	—	—	—	1.1	—	—
		BEETE805T.4	2.3	—	—	—	—	—	—	—	—	—	—	—	—	2.3	—	—
		BEETE805T.5	2.2	—	—	—	—	—	—	—	—	—	—	—	—	2.2	—	—
BEETE805T.6		1.1	—	—	—	—	—	—	—	—	—	—	—	—	1.1	—	—	
TOTAL ATTAINMENT			357.63	177	63.84	15.81	6.662	25.52	8.038	10.1	2.538	14.73	16.05	26.48	326.3935	6.114	26.146	
AVERAGE ATTAINMENT			1.98	1.97	2.13	1.98	2.22	2.13	2.68	2.52	2.54	1.84	2.68	2.21	1.97	1.02	2.61	

