

College Code : 19UU
AISHE Code C-21052



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(ಬೆಂಗಳೂರು ಉತ್ತರ ವಿಶ್ವವಿದ್ಯಾಲಯದಿಂದ ಸಂಯೋಜನೆಗೊಂಡಿದೆ ಹಾಗೂ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

S.E.A COLLEGE OF SCIENCE, COMMERCE AND ARTS

(Affiliated to Bengaluru North University, and Recognized by Govt. of Karnataka)

NAAC Accredited with 'B + +' Grade

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CO's and PO's ATTAINMENT COMPUTATION SHEET

B.Sc., (Electronics, Computer Science)) Batch 2021-2024

B.Sc (Electronics, Computer Science)) Batch 2021-2024**Course Outcomes Level/Benchmark: For IA and External Examination**

Level - 1: Less than 50% Students scored more class average

Level - 2: 50% students scored more than class average (Benchmark)

Level - 3: Above 60% students scored more than class average

The PO and CO attainment levels are defined/set as stated below:

Level-1: 0.5 to 1.0 - poor

Level-2: 1.0 to 1.5 - Average

Level-3: 1.5 to 2.0 - Good

Level-4: 2.0 to 2.5 - very Good (Benchmark)

Level-5: 2.5 to 3.0 Excellent

I Semester

SL.No	Subject	Total Strength	Internal (40)					External (60)					Cos H+M	CO Attainment
			Average Score	Above avg.		CO Levels	CO Levels %0.4	Average Score	Above avg.		CO Levels	CO Levels %0.6		
				No.	%				No.	%				
1	Kannada	7	32	7	100.00	3	1.2	51	5	71.43	3	1.8	3	Attained
2	telugu	2	36	2	100.00	3	1.2	52	2	100.00	3	1.8	3	Attained
3	Hindi	4	32	3	75.00	3	1.2	48	3	75.00	3	1.8	3	Attained
	Additional English	4	36	3	75.00	3	1.2	48	3	75.00	3	1.8	3	Attained
4	English	17	31	15	88.24	3	1.2	49	15	88.24	3	1.8	3	Attained
5	Electronics	17	31	11	64.71	3	1.2	43	12	70.59	3	1.8	3	Attained
6	Computer science	17	29	10	58.82	2	0.8	46	11	64.71	3	1.8	2.6	Attained
7	Open elective	17	29	11	64.71	3	1.2	48	11	64.71	3	1.8	3	Attained

8	Digital fluency	17	16	11	64.71	3	1.2	24	12	70.59	3	1.8	3	Attained
9	Electronics practical	17	15	15	88.24	3	1.2	30	12	70.59	3	1.8	3	Attained
10	ComputerScience practical	17	15	15	88.24	3	1.2	30	12	70.59	3	1.8	3	Attained
Total CO's													32.6	

Interpretation: From the above it can be noticed that out of 10 subjects, 10 subjects achieved the set level of attainment.

Action taken report: Extra classes to be conducted for the students who have not reached the attainment level.

II Semester														
SL.No	Subject	Total Strength	Internal (40)					External (60)					Cos	CO Attainment
			Average Score	Above avg.		CO Levels	CO Levels %0.4	Average Score	Above avg.		CO Levels	CP Levels %0.6		
				No.	%				No.	%				
1	Kannada	7	32	7	100.00	3	1.2	49	5	71.43	3	1.8	3	Attained
2	telugu	2	36	2	100.00	3	1.2	52	2	100.00	3	1.8	3	Attained
3	Hindi	4	32	3	75.00	3	1.2	48	3	75.00	3	1.8	3	Attained
4	Additional English	4	36	4	100.00	3	1.2	42	4	100.00	3	1.8	3	Attained
5	English	17	31	11	64.71	3	1.2	49	11	64.71	3	1.8	3	Attained
6	Electronics	17	31	14	82.35	3	1.2	43	12	70.59	3	1.8	3	Attained
7	Computer science	17	29	11	64.71	3	1.2	46	9	52.94	2	1.2	2.4	Attained
8	Open elective	17	29	11	64.71	3	1.2	48	9	52.94	2	1.2	2.4	Attained
9	EVS	17	16	13	76.47	3	1.2	24	12	70.59	3	1.8	3	Attained
10	Electronics practical	17	15	10	58.82	2	0.8	30	11	64.71	3	1.8	2.6	Attained
11	ComputerScience practical	17	15	10	58.82	2	0.8	30	11	64.71	3	1.8	2.6	Attained
Total CO's													31	

Interpretation: From the above it can be noticed that out of 11 subjects, 11 subjects achieved the set level of attainment.

Action taken report: Extra classes to be conducted for the students who have not reached the attainment level.

III Semester														
SL.No	Subject	Total Strength	Internal (40)					External (60)					Cos	CO Attainment
			Average Score	Above avg.		CO Levels	CO Level %0.4	Average Score	Above avg.		CO Levels	CP Level %0.6	H+M	
				No.	%				No.	%				
1	Kannada	7	32	5	71.43	3	1.2	45	5	71.43	3	1.8	3	Attained
2	telugu	2	34	2	100.00	3	1.2	36	2	100.00	3	1.8	3	Attained
3	Hindi	4	32	3	75.00	3	1.2	46	3	75.00	3	1.8	3	Attained
4	Additional English	4	33	4	100.00	3	1.2	51	3	75.00	3	1.8	3	Attained
5	English	17	31	12	70.59	3	1.2	42	11	64.71	3	1.8	3	Attained
6	Electronics	17	31	11	64.71	3	1.2	39	12	70.59	3	1.8	3	Attained
7	Computer science	17	29	10	58.82	2	0.8	40	12	70.59	3	1.8	2.6	Attained
8	Open elective	17	29	11	64.71	3	1.2	38	11	64.71	3	1.8	3	Attained
9	IC	17	16	11	64.71	3	1.2	22	12	70.59	3	1.8	3	Attained
10	Electronics practical	17	15	15	88.24	3	1.2	30	12	70.59	3	1.8	3	Attained
11	ComputerScience practical	17	15	15	88.24	3	1.2	30	12	70.59	3	1.8	3	Attained
Total CO's												29.6		

Interpretation: From the above it can be noticed that out of 11 subjects, 11 subjects achieved the set level of attainment.

Action taken report: Extra classes to be conducted for the students who have not reached the attainment level.

IV Semester														
SL.No	Subject	Total Strength	Internal (40)					External (60)					Cos	CO Attainment
			Average Score	Above avg.		CO Levels	CO Levels %0.4	Average Score	Above avg.		CO Levels	CP Levels %0.6	H+M	
				No.	%				No.	%				
1	Kannada	7	32	7	100.00	3	1.2	39	5	71.43	3	1.8	3	Attained
2	telugu	2	32	2	100.00	3	1.2	35	2	100.00	3	1.8	3	Attained
3	Hindi	4	32	3	75.00	3	1.2	46	3	75.00	3	1.8	3	Attained
4	Additional English	4	36	3	75.00	3	1.2	49	4	100.00	3	1.8	3	Attained
5	English	17	31	12	70.59	3	1.2	42	12	70.59	3	1.8	3	Attained
6	Electronics	17	33	11	64.71	3	1.2	39	11	64.71	3	1.8	3	Attained
7	Computer science	17	31	11	64.71	3	1.2	40	10	58.82	3	1.8	3	Attained
8	Open elective	17	32	11	64.71	3	1.2	38	12	70.59	2	1.2	2.4	Attained
9	Artificial Intelligence	17	16	11	64.71	3	1.2	22	12	70.59	3	1.8	3	Attained
10	Electronics practical	17	15	15	88.24	3	1.2	30	12	70.59	3	1.8	3	Attained
11	ComputerScience practical	17	15	15	88.24	3	1.2	30	12	70.59	3	1.8	3	Attained
Total Cos												29.4		

Interpretation: From the above it can be noticed that out of 11 subjects, 11 subjects achieved the set level of attainment.

Action taken report: Extra classes to be conducted for the students who have not reached the attainment level.

V Semester														
SL.No	Subject	Total Strength	Internal (40)					External (60)					Cos	CO Attainment
			Average Score	Above avg.		CO Levels	CO Levels %0.4	Average Score	Above avg.		CO Levels	CP Levels %0.6	H+M	
				No.	%				No.	%				
1	Electronics-V	16	31	10	62.50	3	1.2	41	9	56.25	2	1.2	2.4	Attained
2	Electronics-VI	16	32	12	75.00	3	1.2	42	10	62.50	3	1.8	3	Attained
3	C.Sc-V	16	29	11	68.75	3	1.2	39	9	56.25	2	1.2	2.4	Attained
4	C.Sc-VI	16	32	13	81.25	3	1.2	39	9	56.25	2	1.2	2.4	Attained
5	Electronics-V Practical	16	15	10	62.50	3	1.2	31	11	68.75	3	1.8	3	Attained
6	Electronics-VI Practical	16	14	10	62.50	3	1.2	30	12	75.00	3	1.8	3	Attained
7	C.Sc-V Practical	16	15	11	68.75	3	1.2	31	11	68.75	3	1.8		
8	C.Sc-VI Practical	16	14	11	68.75	3	1.2	30	12	75.00	3	1.8	3	Attained
9	Cyber Security	16	32	9	56.25	2	0.8	42	9	56.25	2	1.2	2	Attained
Total Cos												21.2		

Interpretation: From the above it can be noticed that out of 11 subjects, 11 subjects achieved the set level of attainment.

Action taken report: Extra classes to be conducted for the students who have not reached the attainment level.

VI Semester														
SL.No	Subject	Total Strength	Internal (40)					External (60)					Cos	CO Attainment
			Average Score	Above avg.		CO Levels	CO Levels %0.4	Average Score	Above avg.		CO Levels	CP Levels %0.6	H+M	
				No.	%				No.	%				
1	Electronics-V	16	31	9	56.25	2	0.8	41	9	56.25	2	1.2	2	Attained
2	Electronics-VI	16	32	12	75.00	3	1.2	42	10	62.50	3	1.8	3	Attained
3	C.Sc-V	16	29	9	56.25	2	0.8	39	9	56.25	2	1.2	2	Attained
4	C.Sc-VI	16	32	10	62.50	3	1.2	39	9	56.25	2	1.2	2.4	Attained
5	Electronics-V Practical	16	15	10	62.50	3	1.2	31	11	68.75	3	1.8	3	Attained
6	Electronics-VI Practical	16	14	10	62.50	3	1.2	30	12	75.00	3	1.8	3	Attained
7	C.Sc-V Practical	16	15	10	62.50	3	1.2	31	11	68.75	3	1.8	3	Attained
8	C.Sc-VI Practical	16	14	11	68.75	3	1.2	30	12	75.00	3	1.8	3	Attained
9	Cyber Security	16	32	9	56.25	2	0.8	42	9	56.25	2	1.2	2	Attained
													Total Cos	23.4

Interpretation: From the above it can be noticed that out of 09 subjects, 09 subjects achieved the set level of attainment.

Action taken report: Extra classes to be conducted for the students who have not reached the attainment level.

