

Table 2.1.2b: Improvement in strength after content beyond syllabus events for Batch 2020-2024

Sl. No	Name of Event	DATE-Month - Year	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	Impact Analysis	Number of students	New POs Mapped	Year conducted	
1	Technical Talk on Digital Twin	4/12/2021	1				1	1	1				1			2	1	To provide concept of digital representation of physical objects	100	PO1, PO5, PO6, PO7, PO10	2021-2022
2	Technical Talk on "Recent Advances in Optical Sensors in Healthcare"	18/6/2022	1					1	1				1			1	1	To provide overview of Optical sensor in healthcare	41	PO1, PO6, PO7, PO10, PO12	2021-2022
3	Inauguration of "3 Days Workshop on Artificial Intelligence and Machine Learning current Trends Using Python"	28/6/2022 to 30/6/2022	1	1			1	1	1			1	1			1	1	To expose students to Python Language, AI&ML	50	PO1, PO2, PO5, PO6, PO7, PO9, PO10, PO12	2021-2022
4	Technical Talk on Emerging Technology	21/10/2022	1				1	1	1							1	1	To provide overview of Emerging Technologies like Cloud Computing, IoT, Full stack etc.	120	PO1, PO5, PO6, PO7	2022-2023
5	Technical Seminar Wireless Communication Evolution till 5G	21/04/2023	1				1	1	1				1			1	1	To prepare students about future cellular, WIFI and other wireless communication networks	50	PO1, PO5, PO6, PO7, PO10, PO12	2022-2023
6	Hands on Training on Interfacing of Sensors	21/5/2023	1	1			1	1	1			1	1				1	To introduce the students to various commonly used sensors and their working principles, interface the sensors with microcontrollers and write simple code to acquire data from the	60	PO1, PO2, PO5, PO6, PO7, PO9, PO10, PO12	2022-2023

																sensors, formulate applications based on the knowledge acquired				
7	Technical Talk on Computational & 'smart' ECG Sensing cum Analysis	3/10/2023	1				1	1	1				1	1	1	Awareness on Electrocardiography	60	PO1, PO5, PO6, PO7, PO12	2023-2024	
8	A technical talk on Small Scale Gas Sensors	3/11/2023	1			1	1	1	1				1	1	1	Insight on gas sensors	60	PO1, PO4, PO5, PO6, PO7, PO12	2023-2024	
9	A Seminar on Kickstart a Successful Journey in Embedded Systems	3/5/2024	1				1	1	1			1		1	1	To understand the fundamentals of Embedded Systems and its benefits	70	PO1, PO5, PO6, PO7, PO10, PO12	2023-2024	
10	Seminar on Opportunities in Embedded Systems	15/04/2024	1					1	1			1		1	1	Awareness on opportunities in Embedded Systems	50	PO1, PO6, PO7, PO10, PO12	2023-2024	
Strength obtained due to events			10	2	-	1	8	10	10	-	2	7	-	8	11	10				
Strength obtained due to mapping			179	154	107	57	67	66	34	27	50	50	21	112	179	119				
Summation of strength			189.40	156.03	107.5	58.6	77.8	76.6	46.6	27.2	55.0	57.3	21.7	120.7	199.5	129.0				
Sl. No	Name of Event	DATE-Month - Year	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 10	P O 11	P O 12	P S O 1	P S O 2	Impact Analysis	Number of students	New POs Mapped	Year conducted
1	Technical Talk on Digital Twin	4/12/2021	1				1	1	1				1		2	1	To provide concept of digital representation of physical objects	100	PO1, PO5, PO6, PO7, PO10	2021-2022

2	Technical Talk on "Recent Advances in Optical Sensors in Healthcare"	18/6/2022	1					1	1				1			1	1	1	To provide overview of Optical sensor in healthcare	41	PO1, PO6, PO7, PO10, PO12	2021-2022
3	Inauguration of "3 Days Workshop on Artificial Intelligence and Machine Learning current Trends Using Python"	28/6/2022 to 30/6/2022	1	1			1	1	1				1	1		1	1	1	To expose students to Python Language, AI&ML	50	PO1, PO2, PO5, PO6, PO7, PO9, PO10, PO12	2021-2022
4	Technical Talk on Emerging Technology	21/10/2022	1				1	1	1							1	1		To provide overview of Emerging Technologies like Cloud Computing, IoT, Full stack etc.	120	PO1, PO5, PO6, PO7	2022-2023
5	Technical Seminar Wireless Communication Evolution till 5G	21/04/2023	1				1	1	1				1			1	1	1	To prepare students about future cellular, WIFI and other wireless communication networks	50	PO1, PO5, PO6, PO7, PO10, PO12	2022-2023
6	Hands on Training on Interfacing of Sensors	21/5/2023	1	1			1	1	1				1	1		1	1	1	To introduce the students to various commonly used sensors and their working principles, interface the sensors with microcontrollers and write simple code to acquire data from the sensors, formulate applications based on the knowledge acquired	60	PO1, PO2, PO5, PO6, PO7, PO9, PO10, PO12	2022-2023
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Strength obtained due to events			10	2	-	1	8	10	10	-	2	7	-	8	1	1				
Strength obtained due to mapping			179	154	107	57	67	66	34	27	50	50	21	112	179	119				
Summation of strength			189.40	156.03	107.5	57.82	67.60	46.60	27.20	55.00	52.70	21.53	120.70	199.05	129.00	129.00				