Academic Year: 2024	**Term:** January Term	**Department:** Computer Science and Automation
Instructor: Sumit Kumar Mandal	**Course:** Systems for Machine Learning	**Course Code:** E0 294

Course Feedback Summary

Registered	Responded	Percentage
89	8	8

MEETING LEARNING EXPECTATIONS

EXTREMELY SATISFIED(5)	WELL SATISFIED(4)	SATISFIED(3)	MARGINALLY SATISFIED(2)	NOT SATISFIED(1)	WEIGHTED AVG. (Out of 5)
3 (37.5%)	1 (12.5%)	3 (37.5%)	1 (12.5%)	0 (0%)	3.75

COVERAGE OF CONTEMPORARY ADVANCED TOPICS

EXTENSIVE(5)	SUFFICIENT(4)	AVERGAGE(3)	LIMITED(2)	NEGLIGIBLE(1)	WEIGHTED AVG. (Out of 5)
3 (37.5%)	5 (62.5%)	0 (0%)	0 (0%)	0 (0%)	4.38

NUMBER OF HOURS PER WEEK SPENT BY STUDENT

0-4(5)	4-8(4)	8-12(3)	12-16(2)	ABOVE 16(1)	WEIGHTED AVG. (Out of 5)
2 (25%)	4 (50%)	2 (25%)	0 (0%)	0 (0%)	4.00

DEPTH OF COVERGE IN TESTS AND ASSIGNMENTS

HIGH(3)	MODERATE(2)	LOW(1)	WEIGHTED AVG. (Out of 3)
4 (50%)	4 (50%)	0 (0%)	2.50

NOVELTY OF THE COURSE

VERY HIGH(5)	HIGH(4)	MODERATE(3)	LOW(2)	VERY LOW(1)	WEIGHTED AVG. (Out of 5)
3 (37.5%)	5 (62.5%)	0 (0%)	0 (0%)	0 (0%)	4.38

CORE(3)	SOFT CORE(2)	ELECTIVE(1)	WEIGHTED AVG. (Out of 3)
3 (37.5%)	3 (37.5%)	2 (25%)	2.13

OVERALL RATING OF THE COURSE

EXCELLENT(5)	GOOD(4)	AVERAGE(3)	BELOW AVERAGE(2)	POOR(1)	WEIGHTED AVG. (Out of 5)
3 (37.5%)	4 (50%)	1 (12.5%)	0 (0%)	0 (0%)	4.25

ORGANIZATION OF THE COURSE

EXCELLENT(5)	GOOD(4)	AVERAGE(3)	BELOW AVERAGE(2)	POOR(1)	WEIGHTED AVG. (Out of 5)
2 (25%)	5 (62.5%)	1 (12.5%)	0 (0%)	0 (0%)	4.13

AVAILABILITY OF STUDY MATERIAL

EXTENSIVE(5)	SUFFICIENT(4)	AVERAGE(3)	LIMITED(2)	NEGLIGIBLE(1)	WEIGHTED AVG. (Out of 5)
2 (25%)	5 (62.5%)	1 (12.5%)	0 (0%)	0 (0%)	4.13

Additional Comments

Sl. No	Comments
1	A very good course, very relevant to the industry and latest research with good structure and content. The guest lectures and assignments were a really good learning experience. Although, the course felt a bit stressful during March with short deadlines for assignments.
2	The course is really good for any student whole want to learn the optimizations we can do for the machine learning to perform better through hardware architecture and some code tweaks. The course cover many mainstream optimizations used in industry and there are many assignment which will teach you to implement some of them. You will also get lectures from industry professionals which will help you to understand the relevance of the course in industry and how they are using these thing which you will learn in course. Join the course if you are interested in machine learning optimization through systems.

Sl. No	Comments
3	Course itself was structured well, it is afterall a systems course not a machine learning course. But sometimes the pace of teaching, especially for the guest lecturers was too fast leading to lower learning outcome. Assignments could be made a little more clear in what we can use and what we cannot, if we must do everything from scratch then it should be clearly mentioned and given appropriate weightage for. Surprise tests were fine as they provided learning opportunities. And project was mostly an open question on what to do, hence it did not provide the exact depth outcome to students who may not have enough systems knowledge before this course. But it did provide a gateway to systems which is appreciated.
4	Very good course. Even if you don't care about systems you should take it. You have to learn how each ML model exactly works to optimize it. Benificial for both theory and practical purposes.

Instructor Feedback Summary

Registered	Responded
89	8

Sl No.	Question	Excellent	Good	Average	Satisfactory	Poor	Weighted Average(Out of 5)
1	CLARITY OF EXPRESSION AND PRESENTATION	3	2	3	0	0	4.00
2	MOTIVATION FOR ADVANCED LEARNING	5	2	1	0	0	4.50
3	PACE OF TEACHING	3	3	2	0	0	4.13
4	ACCESSBILITY OUTSIDE THE CLASS	4	3	1	0	0	4.38
5	OVERALL RATING	3	3	2	0	0	4.13
6	RESPONSIVENESS AND ENCOURAGEMENT TO QUESTIONS	5	3	0	0	0	4.63
7	EXPERTISE IN THE SUBJECT	3	3	2	0	0	4.13
8	LEVEL OF PREPARATION FOR THE LECTURES	4	1	3	0	0	4.13
9	RELEVANCE OF TESTS AND ASSIGNMENTS IN THE CLASS	3	3	2	0	0	4.13
10	DISCUSSION OF TESTS AND ASSIGNMENTS IN THE CLASS	3	2	2	0	1	3.75
11	COVERAGE OF THE SUBJECT	3	5	0	0	0	4.38

Instructor Comments

Sl No.	Comments
1	Thank you for the course. There were so many new things I learned in this course and implemented many of them throughout the course. The evaluation methodology is excellent and help to learn new thing without too much burden. Overall I enjoyed the learning. Now some of my complaints: Since you expect us the assignments on time, please return the marks on time too. Please provide more project option like other subjects and make students to choose unique

SI No.	Comments
	project. This will make the learning diverse during project presentation and student don't have to listen the same explanation again and again. Providing the explanation of quiz solutions will also be a good idea.
2	Professor was knowledgeable about his subject, and his pace of teaching was fine. But the way it was taught was more of 'this is what happens', 'what are its effects', and maybe a 'this is the reason why it happens'. While I understand that this is a systems course the way that things are explained could be made better. I am not that knowledgeable in systems, this was one of the systems courses that I took this semester as an introduction, while I did learn, it was mostly during the project and studying for tests. The prof's explanations was satisfactory, but it did not hold my interest. Overall knowledgeable professor, but not enough teaching expertise for beginner systems students.
3	Both Prof. Mandal and Prof. Mohan are excellent in explianing hard concepts in such a way that makes them easy. They were also very open to questions in class.