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Assistant Professor Akshat Kumar from the School of Information Systems (SIS) at Singapore Management University (SMU) has been recognized as one of “AI’s 10 to Watch” by Intelligent Systems Magazine, a publication of IEEE. Kumar was recognized for his contributions in the field of Artificial Intelligence, and in particular for his work on automated planning and decision making in multiagent systems.

The magazine’s award recognizes young scientists who have made significant contributions in the field of Artificial Intelligence (AI) and have received their Ph.D.s in the last five years. Nominations for this biennial award were sought from a wide range of senior AI researchers from both academia and industry.

“I feel greatly honored and humbled to be selected as one of the “AI’s 10 to Watch,” says Kumar. “Over the course of my career, I have been fortunate to have great mentors, advisors, and collaborators, and an intellectually stimulating work environment at SMU’s School of Information Systems. I am very thankful for their continued support and collaboration which is invaluable for my research and academic career.”

Kumar’s research is in the area of planning and decision making under uncertainty with a focus on multiagent systems and urban system optimization. His work addresses our rapidly interconnected society and urban environments, from personal digital assistants to self-driving taxi fleets and autonomous ships, and develops computational techniques that will allow such complex ecosystem of autonomous agents to operate in a coordinated fashion. Over the past few years, Kumar’s work has addressed various challenges in such diverse urban settings as scalability to thousands of agents, uncertainty and partial observability, and resource constrained optimization.

[Click here to learn more about Prof. Kumar’s achievement and the SMU iSchool.](#)