

Artificial Intelligence and Robotics Course/Students Outcomes Mapping

Course No.	Course Title	1	2	3	4	5	6
AR142	Introduction to Artificial Intelligence	✓	✓				✓
AR241	Artificial Intelligence Programming	✓		✓		✓	✓
३०८०११०१	Computer Skills (2) for Science Colleges		✓			✓	
30801203	Object Oriented Programming	✓	✓				
30801204	Object Oriented Programming Lab.	✓	✓			✓	
AR231	Introduction to Unix		✓				
AR211	Data Structures	✓	✓				
AR212	Design and Analysis of Algorithms	✓					
AR214	Data Structures and Algorithms Lab.	✓	✓	✓		✓	
30102212	Digital Logic Design		✓				
30102213	Digital Logic Design Lab.		✓			✓	
AR232	Computer Architecture	✓	✓				
30102324	Operating Systems		✓				
AR243	Machine Learning	✓	✓				✓
AR346	Deep Learning	✓	✓				✓
AR341	Fuzzy Systems	✓	✓				✓
AR246	Introduction to optimization	✓					✓
AR342	Knowledge Representation and Reasoning	✓	✓				✓
AR344	Natural Language Processing	✓	✓				✓
AR348	Artificial Intelligent Lab. 1			✓		✓	✓
AR441	Artificial Intelligent Lab. 2			✓		✓	✓
AR331	Embedded Systems	✓	✓	✓		✓	✓
AR352	Robotics Autonomous Systems	✓	✓				✓
AR354	Robotics Autonomous Systems Lab.	✓	✓	✓		✓	✓
AR256	Introduction to Mobile Robotics	✓	✓				✓
AR353	Robot Vision	✓	✓				✓
AR355	Cognitive Robotics	✓	✓				✓
AR356	Robotics Lab. 1			✓		✓	✓
AR451	Robotics Lab. 2			✓		✓	✓
AR471	Project 1 for AI and Robotics Students	✓	✓	✓	✓	✓	✓
AR472	Project 2 for AI and Robotics Students	✓	✓	✓	✓	✓	✓
AR360	Field Training for AI and Robotics Students+	✓	✓	✓	✓	✓	✓
AR443	Intelligent Text Mining	✓	✓				✓
AR445	Social Networks Analysis	✓	✓				✓
AR447	Speech Recognition and Understanding	✓	✓				✓
AR449	Parallel programming for intelligent application	✓	✓				✓
AR450	Robotic Control Theory	✓	✓				✓
AR455	Human Robot Interaction	✓	✓				✓
AR457	Robotics in Rehabilitation	✓	✓				✓
AR453	Planning Techniques in Robotics	✓	✓				✓
AR459	Special Topics in AI and Robotics	✓	✓				✓