

COURSE SCHEDULE: APPLIED DEEP LEARNING & AI PROGRAM



Week	Day	Mode	Course	Duration
Week One	Weekdays	Online	Course I: Nature of Intelligence.	4 Hours
	Saturday	In Person	Course II: Intro. to Deep Learning	10 Hours
Week Two	Weekdays	Online	Course II: Intro. to Deep Learning	4 Hours
	Saturday	In Person	Course II: Intro. to Deep Learning	10 Hours
Week Three	Weekdays	Online	Course II: Intro. to Deep Learning	4 Hours
	Saturday	In Person	Course II: Intro. to Deep Learning	10 Hours
	Sunday	In Person	Course III: Core Deep Learning	10 Hours
Week Four	Weekdays	Online	Course III: Core Deep Learning	4 Hours
	Saturday	In Person	Course III: Core Deep Learning	10 Hours
Week Five	Weekdays	Online	Course III: Core Deep Learning	4 Hours
	Saturday	In Person	Course III: Core Deep Learning	10 Hours
Week Six	Weekdays	Online	Course III: Core Deep Learning	4 Hours
	Friday	In Person	Course III: Core Deep Learning	10 Hours
	Saturday	In Person	Course III: Core Deep Learning	10 Hours
	Sunday	In Person	Course III: Advanced Deep Learning	10 Hours
	Monday	In Person	Course III: Advanced Deep Learning	10 Hours
Week Seven	Weekdays	Online	Revision	4 Hours
	Saturday	In Person	Revision	10 Hours
Week Eight	Weekdays	Online	Course V: Bayesian Deep Learning.	4 Hours
	Saturday	In Person	Course V: Bayesian Deep Learning.	10 Hours
Week Nine	Weekdays	Online	Course V: Bayesian Deep Learning.	4 Hours
	Saturday	In Person	Course V: Bayesian Deep Learning.	10 Hours
	Sunday	In Person	Course V: Bayesian Deep Learning.	10 Hours
Week Ten	Weekdays	Online	Revision	4 Hours
	Saturday	In Person	Revision	10 Hours



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Week Eleven	Weekdays	Online	Course VI: Applied Deep Learning	4 Hours
	Saturday	In Person	Course VI: Applied Deep Learning	10 Hours
Week Twelve	Weekdays	Online	Course VI: Applied Deep Learning	4 Hours
	Friday	In Person	Course VI: Applied Deep Learning	10 Hours
	Saturday	In Person	Course III: Advanced Deep Learning	10 Hours
	Sunday	In Person	Course VI: Applied Deep Learning	10 Hours
	Monday	In Person	Course VI: Applied Deep Learning	10 Hours

Application Projects:

Week 4-6	1. Computer Vision (Auto Colorization Of B/W Images)	2. Video Summarization
	3. Attention Models, Language Modeling	4. Speech Recognition
Week 7-9	5. Medical Image Analysis	6. Spam Detector
	7. Tracking Suspicious Movement for Security	8. Q & A Systems
Week 10-12	9. Conversational Systems	10. Stock Broking with Deep Q Learning
	11. Autonomous Systems	12. Automated Security with Deep Learning

Academic Grading

This is done on a weekly basis.

Quizzes: 26 quizzes (bottom 3 quiz scores will be dropped), total contribution to grade 24%

Assignment: 10 assignments, total contribution to grade 41%

Project: 12 project, total contribution to grade 35%

Industrial Grading

This is done once every 2 weeks.

Competition: 5 Competitions, total contribution to grade 24%

Industrial Evaluation: 5 Industrial evaluations, total contribution to grade 41%

Labs Exams: 4 Labs Exams, total contribution to grade 35%