CHRIST NAGAR COLLEGE

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TRINITY

Department of Science (Mathematics, Physics and Statistics)
In association with Trinity College of Engineering, Thiruvananthapuram
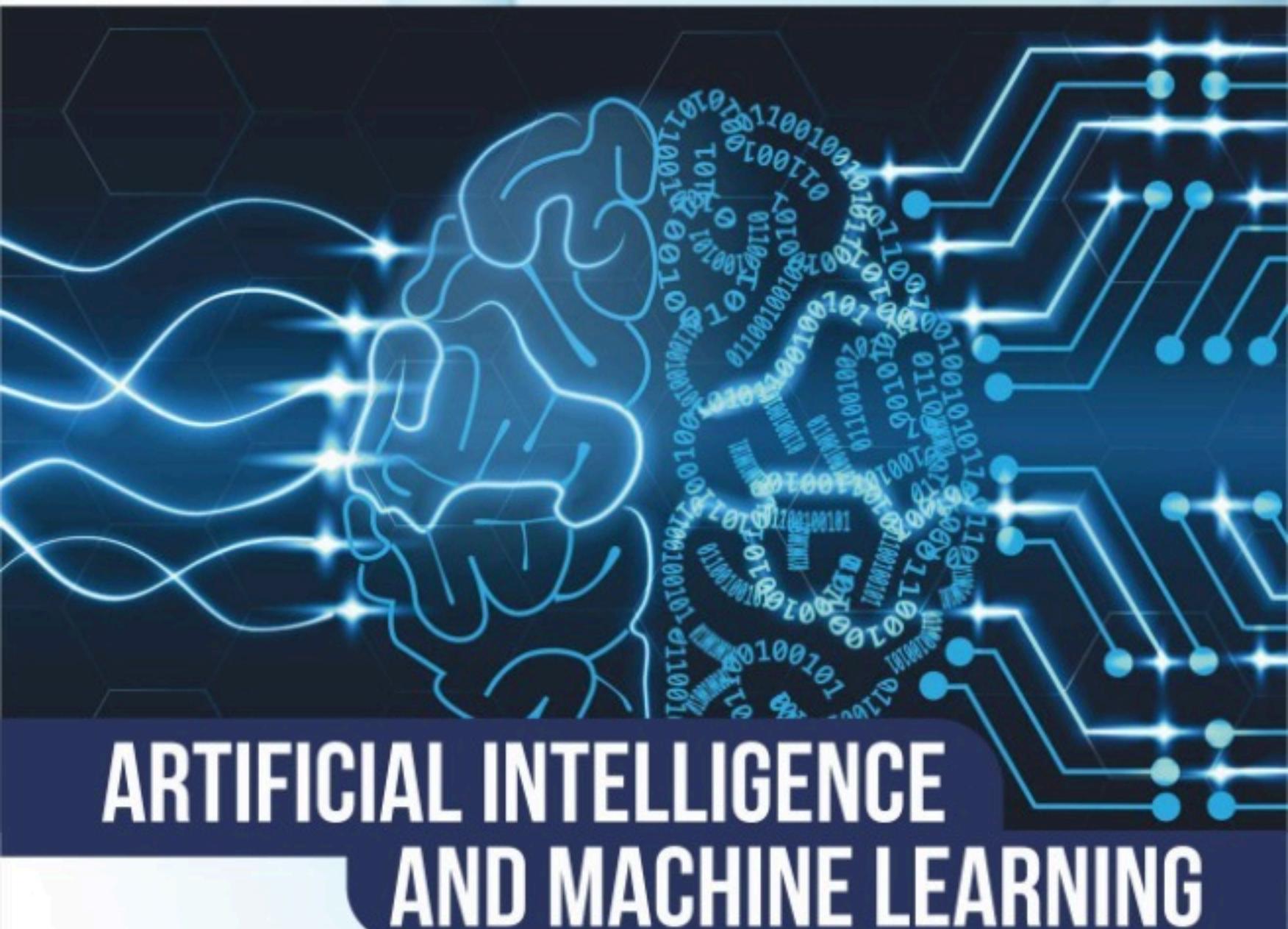
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Syllabus

- Introduction: Philosophy of AI, Definitions
- Modeling a Problem as Search Problem, Uninformed Search
- Heuristic Search, Domain Relaxations
- Local Search, Genetic Algorithms
- Adversarial Search
- Constraint Satisfaction
- Propositional Logic & Satisfiability
- Uncertainty in AI, Bayesian Networks
- Bayesian Networks Learning & Inference, Decision Theory
- Markov Decision Processes
- Reinforcement Learning
- Introduction to Deep Learning & Deep RL

Duration: 30 Hours

COURSE FEE ₹ 500/-

RESOURCE PERSON

Prof. Sumod Sundar
Assistant Professor
TKM College of Engineering
Kollam

Batch 1 : 18 March - 2 April 2021

Batch 2 : 28 April - 11 may, 2021

For more information contact: **Dr Mary Mettilda Rose V.**

📞 94474 95290   ✉ mety_rose@yahoo.co.in