

**Department of Computer Science and Automation, Indian Institute of Science**

**Courses Offered during August – December 2019**

Course No.	Title of the Course	Credits	POOL	Instructor	Suggested Venue / Time Slot	Organizational Meeting / First Class
E0 222	Automata Theory and Computability	3:1	A	Deepak D'Souza	M,W - 2:00 pm to 3:30 pm; CSA 252	August 5, 2:00 pm, CSA 252
E0 225	Design and Analysis of Algorithms	3:1	A	Anand Louis / Arindam Khan	T,Th - 2:00 pm to 3:30 pm; CSA 117	August 8, 2:00pm, CSA 117
E0 226	Linear Algebra and Probability	3:1	C	M. Narasimha Murty / Shalabh Bhatnagar	T, Th - 9:30 am to 11:00 am; CSA 117	August 8, 9:30 am, CSA 117
E0 227	Program Analysis and Verification	3:1	B	K. V. Raghavan / Deepak D'Souza	T, Th - 3:30 pm to 5:00 pm; CSA 117	August 8. 3.30 pm, CSA 117
E0 229	Foundations of Data Science	3:1	A	Ravi Kannan / Siddharth Barman	T, Th - 2:00 pm to 3:30 pm; CSA 252	August 8, 2pm - CSA 252
E0 230	Computational Methods of Optimization	3:1	C	Chiranjib Bhattacharyya	T, Th - 9:30 am to 11:00 am, L6 CL	August 8, 9:30 am, CSA L6 CL
E0 235	Cryptography	3:1	A	Arpita Patra / Sanjit Chatterjee	M, W - 3:30 pm to 5 pm; CSA 252	August 5, 3.30 pm CSA 252
E0 243	Computer Architecture	3:1	B	Arkaprava Basu / R Govindarajan	M, W - 11:00 am to 12:30 pm; CSA 252	August 5, 11.00 a.m CSA 252
E0 251	Data Structures and Algorithms	3:1		Y.N. Srikant / Matthew Jacob	M, W - 11:00 am to 12:30 pm; CSA 117	August 5, 11.00 AM CSA 117
E0 254	Network and Distributed Systems Security	3:1	B	R. C. Hansdah	M, W - 2:00 pm to 3:30 pm; L6 CL	August 7, 2:00 pm, L6 CL
E0 256	Theory and Practice of Computer Systems Security	3:1	B	Vinod Ganapathy	M, W - 9:30 am to 11:00 am; CSA 117	August 5, 9:30am; CSA 117
E0 259	Data Analytics	3:1		Ramesh Hariharan / Rajesh Sundaresan	T, Th - 11:00 am to 12:30 pm, CSA 112	August 8, 11:00 am, CSA 117
E0 267	Soft Computing	3:1	C	V. Susheela Devi	T, Th - 11:00 am to 12:30 pm; CSA 117	August 8, 11.00 am CSA 117
E0 271	Graphics and Visualization	3:1	B	Vijay Natarajan	M, W - 9:30 am to 11:00 am; CSA 252	August 5, 8:00 am; CSA 252
E0 311	Topics in Combinatorics	3:1		L. Sunil Chandran	M, W - 11:00 am to 12:30 pm; CSA 227	August 5, 11:00 am; CSA 227
E0 312	Foundations of Secure Computation	3:1		Arpita Patra	T, Th - 11 am to 12:30 pm; CSA 252	August 8, 11:00; CSA 252
E0 334	Deep Learning for Natural Language Processing	3:1		Shirish K. Shevade / S Sundararajan	M, F - 8:00 am to 9:30 am; CSA 117 W - 2:00 pm to 3:30 pm; CSA 117	August 7, 2:00 PM; CSA 117
E0 337	Topics in Advanced Cryptography	3:1		Bhavana Kanukurthi	M, W - 2:00 pm to 3:30 pm; CSA 311	August 7, 2:00 pm, CSA 311
E0 358	Advanced Techniques in Compilation and Programming for Parallel Architectures	3:1		Uday Kumar Reddy B	T, Th - 11:00 am to 12:30 pm; CSA 227	Aug 8, 11:00 am; CSA 227
E0 399	Research in Computer Science	1:2		Deepak D'Souza / Shirish Shevade / Y N Srikant	F - 3:00 pm to 4:00 pm; CSA 254	
E1 396	Topics in Stochastic Approximation Algorithms	3:0		Rajesh Sundaresan	M, W - 3:30 pm to 5:00 pm, MP20	August 12, 3:30 pm, MP 20
UE 101 (UG)	Algorithms and Programming			Sathish Govindarajan / Viraj Kumar		

**Updated First class for 06/08/2019 (full day)  
and 07/08.2019 (forenoon)**

CSA 117 - CSA Lecture Hall (Ground Floor)

CSA 227 - CSA Conference Room (First Floor)

CSA 252 - CSA Class Room [ First Floor] ,

CSA 311 - CSA Conference Room (Second Floor)

CSA 328 - CSA Conference Room (Second Floor)

C-L-H - Central Lecture Hall Complex