Tentative schedule for ISLA (Part II) on

Logic and Automata

Duration: December 17 – 22, 2018
Hours: 5 hrs daily (Total: 30 hours)

Day	Talk 1 10:30 – 11:30	Tea 11:30-11:45	Talk 2 11:45-12:45	Talk 3 12:45-1:45	Lunch 1:45–3:00	Talk 4 3:00 – 4:00	Tea 4:00-4:15	Talk 5 4:15-5:15	Talk 6 5:15-5:30
1	Inauguration (10:00 – 10:30) R. Ramanujam		R Ramanujam	Somenath Biswas		Kamal Lodaya		Supreeti Kamilya Kamalika Bhattacharya Raju Hazari Sumit Adak	Souvik Roy
2	Kamal Lodaya		R Ramanujam	Somenath Biswas		Mohua Banerjee		Mohua Banerjee	Shyamalen-du Kandar
3	Kamal Lodaya		Mohua Banerjee	Mohua Banerjee		Amba Kulkarni		Mihir Chakraborty	Sandip Paul
4	Amba Kulkarni		Amba Kulkarni	Manas Hira		Manas Hira		Mihir Chakraborty	Lakshman-an K
5	N Raja		N Raja	Sukanta Das		Sukanta Das		Mihir Chakraborty	Sukanya Mukherjee
6	N Raja		Sukanta Das	Sukanta Das		Mihir Chakraborty			

Schedule Details

Day 1 (December 17, 2018: Monday)

Inaugural Ceremony: 10:00 – 10:30

1. Welcome Address - Prof. Hafizur Rahaman, Head, Dept. of IT
2. Welcome Address from Calcutta Logic Circle Logic (CLC) - Dr. Jayanta Sen
3. About the School - Prof. Subhasis Bandopadhyay
4. Release of Lecture Notes - "A Journey Through the Logic Wonderland" - Released by Mihir K Chakraborty and R Ramanujam
5. Vote of Thanks - Dr. Sukanta Das

Talk 1: 10:30 – 11:30

Speaker: R Ramanujam (Interplay between Logic and Automata)

TEA BREAK: 11:30 – 11:45

Talk 2: 11:45 – 12:45

Speaker: R Ramanujam (Interplay between Logic and Automata)

Talk 3: 12:45 – 1:45

Speaker: Somenath Biswas (Philosophy of Computation)

LUNCH BREAK: 1:45 – 3:00

Talk 4: 3:00 – 4:00

Speaker: Kamal Lodaya (Algebra and Finite Automata)

TEA BREAK: 4:00 – 4:15

Talk 5: 4:15 – 5:15

1. Speaker: Supreeti Kamilya (Chaos in Cellular Automata)
2. Speaker: Kamalika Bhattacharjee (Randomness in Cellular Automata)
3. Speaker: Raju Hazari (Partial Number Conservation)
4. Speaker: Sumit Adak (Primitive Polynomials and Non-uniform Cellular Automata)

Talk 6: 5:15 – 5:30

Speaker: Souvik Roy (Beauty in Cellular Automata)

Day 2 (December 18, 2018: Tuesday)

Talk 1: 10:30 – 11:30

Speaker: Kamal Lodaya (Algebra and Finite Automata)

TEA BREAK: 11:30 – 11:45

Talk 2: 11:45 – 12:45

Speaker: R Ramanujam (Interplay between Logic and Automata)

Talk 3: 12:45 – 1:45

Speaker: Somenath Biswas (Philosophy of Computation)

LUNCH BREAK: 1:45 – 3:00

Talk 4: 3:00 – 4:00

Speaker: Mohua Banerjee (Algebraic Logic)

TEA BREAK: 4:00 – 4:15

Talk 5: 4:15 – 5:15

Speaker: Mohua Banerjee (Algebraic Logic)

Talk 6: 5:15 – 5:30

Speaker: Shyamalendu Kandar (An overview of chaotic map and its application to image encryption)

Day 3 (December 19, 2018: Wednesday)

Talk 1: 10:30 – 11:30

Speaker: Kamal Lodaya (Algebra and Finite Automata)

TEA BREAK: 11:30 – 11:45

Talk 2: 11:45 – 12:45

Speaker: Mohua Banerjee (Algebraic Logic)

Talk 3: 12:45 – 1:45

Speaker: Mohua Banerjee (Algebraic Logic)

LUNCH BREAK: 1:45 – 3:00

Talk 4: 3:00 – 4:00

Speaker: Amba Kulkarni (Indian Grammatical Theories: An information scientist's perspective)

TEA BREAK: 4:00 – 4:15

Talk 5: 4:15 – 5:15

Speaker: Mihir Chakraborty (Recursion Theory)

Talk 6: 5:15 – 5:30

Speaker: Sandip Paul (Preorder-Based Triangle: a Modified Version of Bilattice-Based Triangle for Belief Revision in Nonmonotonic Reasoning)

Day 4 (December 20, 2018: Thursday)

Talk 1: 10:30 – 11:30

Speaker: Amba Kulkarni (Indian Grammatical Theories: An information scientist's perspective)

TEA BREAK: 11:30 – 11:45

Talk 2: 11:45 – 12:45

Speaker: Amba Kulkarni (Indian Grammatical Theories: An information scientist's perspective)

Talk 3: 12:45 – 1:45

Speaker: Manas Hira (Introduction to Automata and Computability)

LUNCH BREAK: 1:45 – 3:00

Talk 4: 3:00 – 4:00

Speaker: Manas Hira (Introduction to Automata and Computability)

TEA BREAK: 4:00 – 4:15

Talk 5: 4:15 – 5:15

Speaker: Mihir Chakraborty (Recursion Theory)

Talk 6: 5:15 – 5:30

Speaker: Lakshmanan K (Forgetting automata)

Day 5 (December 21, 2018: Friday)

Talk 1: 10:30 – 11:30

Speaker: N Raja (Programming Approach to Logical Concepts in Computer Science)

TEA BREAK: 11:30 – 11:45

Talk 2: 11:45 – 12:45

Speaker: N Raja (Programming Approach to Logical Concepts in Computer Science)

Talk 3: 12:45 – 1:45

Speaker: Sukanta Das (Cellular Automata)

LUNCH BREAK: 1:45 – 3:00

Talk 4: 3:00 – 4:00

Speaker: Sukanta Das (Cellular Automata)

TEA BREAK: 4:00 – 4:15

Talk 5: 4:15 – 5:15

Speaker: Mihir Chakraborty (Recursion Theory)

Talk 6: 5:15 – 5:30

Speaker: Sukanya Mukherjee (Cycle Structure of Non-uniform Cellular Automata)

Day 6 (December 22, 2018: Saturday)

Talk 1: 10:30 – 11:30

Speaker: N Raja (Programming Approach to Logical Concepts in Computer Science)

TEA BREAK: 11:30 – 11:45

Talk 2: 11:45 – 12:45

Speaker: Sukanta Das (Cellular Automata)

Talk 3: 12:45 – 1:45

Speaker: Sukanta Das (Cellular Automata)

LUNCH BREAK: 1:45 – 3:00

Talk 4: 3:00 – 4:00

Speaker: Mihir Chakraborty (Recursion Theory)