Open House
January 19 2019

Program

Department of Mathematics and Statistics
Indian Institute of Technology Kanpur

January 19, 2019

Inauguration: *09:15 am - 09:30 am*

Session 1: *09:30 am - 11:00 am*

Chair: **Professor Preena Samuel**

Speakers: **Mr. Abhishek Sarkar**
Riemannian geometry of Lie algebroids over a-spaces $(X, \mathcal{O}_X)$.
Mr. Amit Kumar Paul
A combinatorial description of topological complexity
Mr. Rahul Pandey
Boundary convex cocompactness and stability of subgroups

TEA: *11:00 am - 11:15 am*

Session 2: *11:15 am - 12:45 pm*

Chair: **Professor Arbind K. Lal**

Speakers: **Mr. Swadesh Pal**
Nonlocal interaction induced spatial pattern
Ms. Anjali Jaiswal
Fractional calculus and fractional differential equations
Mr. Firoj Sk
On the best constant in fractional Poincare inequalities on stirps

January 19, 2019

LUNCH: *012:45 pm - 02:00 pm*

Session 3: *02:00 pm - 03:30 pm*

Chair: **Professor Subhajit Dutta**

Speakers: **Mr. Ayal Pal**
On order restricted classical inference in a multiple step stress model with a cure fraction
Ms. Rhythm Grover
Chirp-like model and its parameters estimation
Mr. Deepak Prajapati
Decision theoretic sampling plan for one-parameter exponential distribution under type-I and type-I hybrid censoring schemes

TEA: *03:30 pm - 03:45 pm*

Session 4: *03:45 pm - 05:15 pm*

Chair: **Professor Ajay S. Thakur**

Speakers: **Mr. Shantanu Sardar**
Cantor-Bendixson rank
Mr. Samya Kumar Ray
New non-commutative ergodic theorems
Mr. Lokesh Singh
Stable invariant manifolds for non-autonomous differential equations and ρ-non-uniform exponential dichotomy