SEMINAR
SCHOOL OF MATHEMATICS AND STATISTICS

DATE: 1 MARCH 2019

TITLE

Trace form and Diophantine Approximation

VENUE | TIME

Seminar Room I
04:30 –05:30 PM

SPEAKER

Prof. Purusottam Rath,
Chennai Mathematical Institute, Chennai

ABSTRACT

We will discuss some questions seemingly belonging to the realms of elementary Algebraic Number Theory. These simply minded questions have deep ramification in Transcendence and Diophantine Theory. We shall see that the tools require to solve these questions require some of the deepest tools in Diophantine Approximation Theory. This is part of an ongoing work with Patrice Philippon.