

# Title: On ramification indices of complete discrete valuation

Speaker: Mr. Sunil Kumar Pasupulati, IISER-TVM

Date and Time: June 30, 2020; 11:30am

Venue: A google meet invite will be posted soon.

Abstract: Let  $L_1/K$  and  $L_2/K$  be complete discrete valuations. If they are linearly disjoint, then

$$[L_1L_2 : K] = [L_1 : K][L_2 : K].$$

We will prove similar equality is true for ramification indices and residue degrees of certain complete discrete valuation fields.