## Brief history of Knot Theory & some of its basic concepts

## Madeti Prabhakar

Indian Institute of Technology Ropar prabhakar@iitrpr.ac.in

<u>Abstract:</u> Knots and links are very familiar, and they fascinated people from the dawn of human history. In this talk, I will present some of the past ideas that lead to the development of the modern subject in the field of Mathematics, well known as Knot theory. Further, I will provide some basic concepts of knot theory and discuss the construction of some of the well-known invariants.