

# Workshop: Influence of Ramanujan in Number Theory at Tezpur University

by Manjil Saikia - Wednesday, November 25, 2015

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As a part of the *Global Initiative of Academic Networks* (GIAN), a workshop on the **Influence of Ramanujan in Number Theory** will take place at **Tezpur University** from **July 25 to August 6, 2016**. The speakers for this workshop will be [Prof. Bruce C. Berndt](#) (UIUC), *Prof. Nayandeep Deka Baruah* (Tezpur) and *Dr. Rupam Barman* (IIT Delhi).

The proposed course will mainly cover the following topics:

[Ramanujan](#): Life and a brief overview of his contributions in various fields, his earlier notebooks, the lost notebook and his famous papers.

q-series, theta functions and related topics and applications to number theory.

The Rogers-Ramanujan functions and continued fractions.

Hypergeometric series, elliptic curves and supercongruences.

Ramanujan's contributions to partition theory, famous congruences, rank and crank.

Ramanujan's mock theta functions and some recent developments.

For more information about the courses, how to apply and the speakers, see below. (If the file is not viewable, please [click here](#).)

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