



**WINTER SCHOOL AND CONFERENCE
ON
ALGEBRA AND NUMBER THEORY
(December 19-26, 2011)
(Funded by the National Board for Higher Mathematics)**



Organized by
**Department of Mathematical Sciences,
Tezpur University
P.O.- Napaam, Tezpur-784028
Dist.- Sonitpur, Assam.**

The Winter School: The aim of the Winter School is to instruct the following fundamental concepts in Algebra and Number Theory by inviting a selected group of experts in a way accessible to final year B. Sc, M. Sc., and beginning PhD students.

Algebra: Group action, structure of finite groups, free groups, polynomial rings and ideals, and algebraic sets.

Number Theory: Elliptic curves over \mathbb{Q} , rank of elliptic curves, elliptic curves over finite fields, and L-functions.

Conference: We would like to conclude the winter school with a three-day conference so that the participants can get a flavor of some of the recent developments in Algebra and Number Theory from a few selected experts.

Names of the speakers:

Prof. R. Balasubramanian (IMSc Chennai)

Prof. R. Sujatha (UBC, Canada)*

Dr. U. K. Anandavardhanan (IIT Bombay)

Prof. Kapil H. Paranjape (IISER Mohali)*

* not yet confirmed

Prof. Eknath Ghate (TIFR Mumbai) *

Prof. D. K. Patil (IISc, Bangalore)

Prof. N. Deka Baruah (Tezpur).

Mr. Prem P. Pandey (IMSc Chennai)

Dr. Anupam Saikia (IITG)

Dr. K. V. Srikanth (IITG)

Dr. K. V. Krishna (IITG)

Dr. Rupam Barman (Tezpur)

Organizing committee:

Dr. Rupam Barman (Convener)

Prof. Nayandeep Deka Baruah (Member)

Dr. Anupam Saikia (Member).

Travel/Accommodation: The selected students will be given TA (Bus fare or III-AC Train Fare) and free hospitality at Tezpur University Campus during the workshop. There is no registration fee. A few books on Algebra and Number Theory will be distributed among the participants.



REGISTRATION FORM

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Department of Mathematical Sciences, Tezpur University.

Name of the student: _____

Gender: Male/ Female: _____

Class: BA/ BSc 3rd year (Major/Honours)/ MA/ MSc/ Research Scholar: _____

Percentage of marks in the last qualifying examination: _____

Name and address of the College/University: _____

Address of correspondence of the student: _____

Phone number: _____

E-mail: _____

Signature of the Head of the Department/ Principal: _____

Completed form is to be sent within **October 20, 2011** to the following address:

Dr. Rupam Barman,
Associate Professor,
Department of Mathematical Sciences,
Tezpur University, Napaam, Tezpur-784028.

Email: rupamb@tezu.ernet.in

Website: <http://www.tezu.ernet.in/dmaths/>

(Scanned copy of the Registration form may be submitted through the above email.)