

## Advisory Committee

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**Prof. (Dr.) Achyuta Samanta**

Hon'ble Founder, KIIT & KISS

### Patron

**Prof. H. Mohanty**

Hon'ble Vice-Chancellor, KIIT Deemed to be University

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Hon'ble Pro-Vice Chancellor, KIIT Deemed to be University

**Prof. J. Mohanty**

Registrar, KIIT Deemed to be University

## Organizing Committee

### Convener

**Dr. Bijan Kumar Patel**, KIIT Deemed to be University

### Co-Convener

**Mr. Utkal Keshari Dutta**, KIIT Deemed to be University

### Organising Chair

**Prof. Sudarsan Nanda**, KIIT Deemed to be University

**Prof. Pramod Kumar Das**, KIIT Deemed to be University

**Prof. Prasanta Kumar Ray**, Sambalpur University

### Webinar Advisor

**Prof. Puspallata Pattojoshi**

**Dr. Satya Kumar Misra**

## Local Organising Committee

**Prof. B. B. Mishra**, KIIT Deemed to be University

**Prof. S. K. Samal**, KIIT Deemed to be University

**Dr. Mrutyunjaya Das**, KIIT Deemed to be University

**Dr. Madhusmita Sahoo**, KIIT Deemed to be University

**Dr. Prasanta Ku. Das**, KIIT Deemed to be University

**Dr. Srikumar Acharya**, KIIT Deemed to be University

**Dr. Saumya Ranjan Jena**, KIIT Deemed to be University

## Invited Speakers

**Dr. Alain S Togbe**, Professor, Department of Mathematics, Statistics, and Computer Science, Purdue University Northwest, Westville, USA.

**Dr. Shanta Laishram**, Professor, Department of Mathematics, Indian Statistical Institute, New Delhi, INDIA.

**Dr. Augustine Munagi**, Professor, School of Mathematics, University of Witwatersrand, Johannesburg, SOUTH AFRICA.

**Dr. Brundaban Sahu**, Assoc Professor, School of Mathematical Sciences, National Institute of Science Education and Research, Bhubaneswar, INDIA.

**Dr. Steven J Miller**, Professor, Department of Mathematics, and Statistics, Williams College, Williamstown, USA.

**Dr. Srinivas Kotyada**, Professor, Department of Mathematics, The Institute of Mathematical Sciences, Chennai, INDIA.

**Dr. Paul Thomas Young**, Professor, Department of Mathematics, College of Charleston, Charleston, USA.

**Dr. Sudhansu Sekhar Rout**, Asst Professor, Department of Mathematics, IMA, Andharua, Bhubaneswar, INDIA.

## Topic

**Dr. Alain S Togbe**: On some exponential Diophantine equations involving sequences

**Dr. Shanta Laishram**: On a conjecture of Erdos on squares in arithmetic progression

**Dr. Augustine Munagi**: Multicolor Compositions and Conjugation of  $n$ -Color Compositions

**Dr. Brundaban Sahu**: Modular forms and the number of representations of a natural number by certain quadratic forms

**Dr. Steven J Miller**: TBA

**Dr. Srinivas Kotyada**: On the zeros of Riemann zeta-function and its analogues

**Dr. Paul Thomas Young**: 2-adic valuations of generalized Fibonacci sequences

**Dr. Sudhansu Sekhar Rout**: TBA

# 2<sup>nd</sup> International Webinar

on

## Recent Developments in Number Theory (RDNT-2021)

1<sup>st</sup> - 4<sup>th</sup> October, 2021

(A virtual meeting)



Organized by



Department of Mathematics  
School of Applied Sciences,  
KIIT Deemed to be University,  
Bhubaneswar-751024, Odisha, India

## About KIIT- Deemed to be University

Kalinga Institute of Industrial Technology (KIIT) was started as a humble college in 1992, has become a multidisciplinary University with 28 constituent schools offering diverse programs. Its commitment to teaching excellence led to the grant of University status under section 3 of UGC Act, 1956 in 2004 and 'A' category university in 2015 by the ministry of Human Resources Development, Government of India. It has also been accredited 'A' Grade by NAAC and Tier '1' (Washington Accord) by NBA and IET (UK). KIIT has been listed in Times of World ranking and is one among the best Universities/Institutions in NIRF ranking by MHRD, Government of India. KIIT Deemed to be University has been ranked No 1 among the Private Higher Education Indian Universities by ARIIA, Ministry of Human Resource Development Government of India. It has proved itself to be the much sought after higher education center of the country with 30,000 students pursuing both graduation and post graduation studies in Engineering, Computer application, Management, Law, Biotechnology, Medicine, Dentistry, Nursing, Fashion Technology, Mass Media Studies, Language etc. KIIT stand out as a class of its own both in quality and quantity. It has been adjudged as an Institute of Eminence in 2019 by MHRD GoI. Kalinga Institute of Social Sciences (KISS), a sister institute of KIIT provides free education in a residential setting to 30000 tribal children from KG to PG is also a Deemed to be University and has obtained recognition and appreciation world-wide including the UN.

## About the Department of Mathematics

The Department was started along with the inception of KIIT and now it is a division under the School of Applied Sciences. Besides teaching and supervising the PhD scholars, the faculty members are engaged with research works in their respective areas of specializations in Pure, Applied, Computational and Industrial Mathematics. The Department also has a few research projects funded by the agencies like DST, NBHM, UGC and CSIR. Integrated M.Sc.-Ph.D. in Mathematics with Data Sciences has been started from the session 2020-21.

## Aim of the Webinar

The aim of this webinar is to exchange the recent developments in Number Theory between the eminent scientists and researchers/ students.

## How to Register?

**APPLICANTS can register only by fill out the following Google Forms.**

[https://docs.google.com/forms/d/e/1FAIpQLSeDFH70iEv9uSh7Z3i\\_zpkPhGbgugElmI5lul07cBh1q98oVg/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSeDFH70iEv9uSh7Z3i_zpkPhGbgugElmI5lul07cBh1q98oVg/viewform?usp=pp_url)

**Last Date of Registration: 27<sup>th</sup> September, 2021**

## Streaming Platform



- E-certificate will be provided to the selected participants.

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## For Correspondence:

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