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Dr. Saumya Ranjan Jena, KIIT Deemed to be University

Invited Speakers

Dr. Miho Aoki, Professor, Shimane University, Matsue, Shimane, JAPAN.

Dr. Atul Dixit, Asst Professor, Department of Mathematics Indian Institute of Technology Gandhinagar, Gujrat, INDIA.

Dr. László Szalay, Professor, Institute of Mathematics, University of Sopron, Sopron, HUNGARY.

Dr. Prapanpong Pongsriiam, Assoc Professor, Department of Mathematics, Silpakorn University, THAILAND.

Dr. Ana Paula Chaves, Assoc Professor, Instituto de Matematica e Estatistica, Universidade Federal de Goias, Goiania, BRAZIL.

Dr. Gopal Krishna Panda, Professor, Department of Mathematics, National Institute of Technology Rourkela, INDIA.

Dr. Rupam Barman, Assoc Professor, Department of Mathematics, Indian Institute of Technology Guwahati, Assam, INDIA.

Dr. Ram Krishna Pandey, Assoc Professor, Department of Mathematics, Indian Institute of Technology Roorkee, Haridwar, INDIA.

Topic

Dr. M. Aoki: On the Laxton group and quadratic number fields

Dr. A. Dixit: Superimposing theta structure on a generalized modular relation

Dr. L. Szalay: Identities involving two or more linear recurrences

Dr. P. Pongsriiam: Various problems in arithmetic progressions and arithmetic functions

Dr. A. P. Chaves: On Mahler's U_m-numbers

Dr. G. K. Panda: How natural are the balancing-like sequences?

Dr. R. Barman: On the parity of certain partition functions

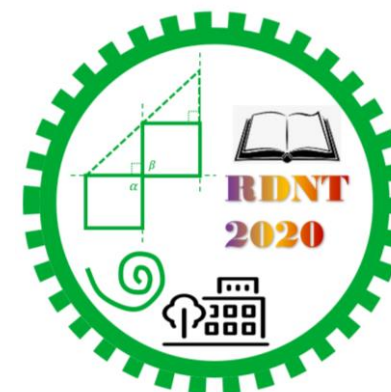**Dr. R. K. Pandey**: Some direct and inverse results on sumsets

International Webinar
on
Recent Developments in Number Theory (RDNT-2020)

17th - 20th August, 2020

(A virtual meeting)

RDNT 2020

Organized by

KiiT

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

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. 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 is to start 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/1FAIpQLSdY5i3FbGERFndFagToJVZZYlFVWyUMlm5AkowpUnqToBH-wA/viewform?usp=pp_url

Last Date of Registration: 15th August, 2020

Streaming Platform
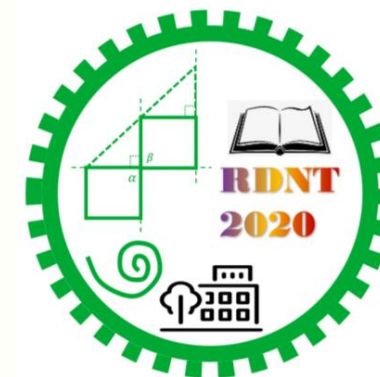
- **E-certificate will be provided to all the participants.**

International Webinar

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Registration is free for all

RDNT 2020

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