

## PRESS RELEASE

# **IIT Hyderabad to host an International Workshop ‘Advanced Functional Analysis and its Applications from 16<sup>th</sup> – 24<sup>th</sup> December, 2020**

**HYDERABAD, 18<sup>th</sup> November 2020:** Indian Institute of Technology Hyderabad will be jointly hosting a nine days International Workshop ‘Advanced Functional Analysis and its Applications 2020’ from 16<sup>th</sup> – 24<sup>th</sup> December, 2020 along with NISER Bhubaneswar.

People from various parts of the world are invited to deliver talks in this event. A special attention is paid to the area 'Analysis on Banach spaces'. This is an online event and the organizers are keen to reach out to the participants along with their requirements and interests virtually. Its prime objective is to cover some advanced topics in Functional Analysis at its introductory level. Apart from the application viewpoints the subject Functional Analysis can be studied in its own interests. From the time of Fourier to the present day the subject evolved and expanded in many directions. J. Dieudonne's book 'History of Functional Analysis' encounters the developments of this subject.

**Interested participants can register for this conference at <https://sites.google.com/iith.ac.in/decemberworkshop/registration-and-dates?authuser=0>. The last date for the registration is 30<sup>th</sup> of November 2020.**

**Highlighting the importance of this workshop, Dr. Tanmoy Paul, Conference Coordinator and Assistant Professor, Department of Mathematics, IIT Hyderabad, said,** “The central theme of this event is to offer some advanced topics in Functional Analysis with special emphasis on Analysis on Banach spaces. From the time of Stephan Banach to till date the theory has long heritage and culture. The richness of this theory attracted many people to work in it. The Handbook of Geometry of Banach Spaces (I & II) encounter the developments of the literature in last few decades. We aim to offer a few topics which are relevant to the current research in this domain.”

Research scholars pursuing research in various fields of Functional Analysis are encouraged to register for this workshop.

IIT Hyderabad has invited experts from all over the world, including Richard Aron (Kent State University, Kent OHIO, USA), Fernanda Botelho (University of Memphis, USA), Gilles Godefroy (University of Paris 6, France), Miguel Martin (University of Granada, Spain), TSSRK Rao (Ashoka University, India), Tomasz Kania (Institute of Mathematics, Czech Academy of Sciences, Prague), Vladimir G. Troitsky (University of Alberta, Canada) and P. Veeramani (Indian Institute of Technology Madras, India); to attend and deliver lectures for this workshop.

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## **About IIT Hyderabad**

Indian Institute of Technology Hyderabad (IITH) is one of the six new Indian Institutes of Technology established by the Government of India in 2008. In a short span of **12** years, the institute built on an imposing **570**-acre campus and has been ranked among the top ten institutes for four consecutive years in the National Institute Ranking Framework (NIRF) released



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by the Ministry of Human Resource Development (MHRD), Government of India. The Institute was also ranked under Top **#20** in the recent edition of Atal Ranking of Institutions on Innovation Achievements (ARIIA) introduced this year by MHRD to systematically rank all major higher educational institutions and universities in India on indicators related to 'Innovation and Entrepreneurship Development' among students and faculties.

IIT Hyderabad has close to **221** full-time faculty, **2,911** students of whom **20** per cent are women, nearly **200** state-of-the-art laboratories and five research and entrepreneurship centres. The Institute has a strong research focus with more than Rs. **500** crore of sanctioned research funding while PhD scholars account for about **30** per cent of total student strength. IITH students and faculty are at the forefront of innovation with more than **1,500** research publications and patent disclosures, **300** sponsored/ consultancy projects and **50** industry collaborations. IITH has MoUs with **50** universities in the U.S., Japan, Australia, Taiwan and Europe. IITH has been a pioneering change in pedagogy with fractal academic programs that atomizes course modules, encourage interdisciplinary learning, spanning innovative technology, fundamental science, liberal arts and creative arts like photography, theatre and painting.

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**Please direct all media queries to:**

Mrs. Mitalee Agrawal | Public Relations Officer, IIT Hyderabad

Cell: [8331036099](tel:8331036099) / Email: [pro@iith.ac.in](mailto:pro@iith.ac.in)