



**27th International Conference of
International Academy of Physical Sciences
(CONIAPS XXVII)**

**on
“Graph Theory and Applications (GTA)”**

October 26-28, 2021.

**Online Conference Organized by
School of Physical and Applied Sciences (SPAS),
Goa University, Goa.**

**In association with
International Academy of Physical Sciences (IAPS),
Prayagraj, India.**

About the conference

This International Conference on Graph Theory and Applications (GTA 2021) to be hosted by the School of Physical and Applied sciences (SPAS), Goa University, Goa, India, in collaboration with the International Academy of Physical Sciences (IAPS) is intended to bring pioneering and upcoming researchers to a common platform to discuss the pressing issues on Graph Theory and its Applications with the help of recent developments in the field. The conference focuses on recent research related to any sub-branch of Graph Theory such as Spectral Graph Theory, Graph Labeling, Graph Coloring, Algorithms, Networks, Network Theory, Hypergraphs, Extremal Graph Theory etc. Young researchers are encouraged to give oral presentations during the conference.

The goal of GTA 2021 is to give a platform to Graph theorists from different parts of the world to interact with each other and exchange their ideas. CONIAPS serves as an excellent platform to inculcate research interest among young minds on recent applications of Pure and Applied Mathematics. GTA 2021 welcomes contributions related to all traditional as well as modern areas of Graph Theory and its application in various fields.

Foreign Speakers

Prof. Thomas Zaslavsky
Binghamton University, New York, USA

Prof. Dafik
The University of Jember, Indonesia

Prof. Ayman Badawi
American University of Sharjah, UAE

Prof. Daphne Der-Fin Liu
California State University, Los Angeles

Prof. Ismail Naci Cangul
Bursa Uludag University, Bursa/Turkey

Prof. Bryan Freyberg
University of Minnesota Duluth, USA

Indian Speakers

Prof. S. Arumugam
Amrita Vishwa Vidyapeetham, Coimbatore

Prof. S.M. Hegde
NITK Surathkal, Karnataka

Prof. Deepa Sinha
South Asian University, New Delhi

Prof. Krishnendra Shekhawat
BITS Pilani, Pilani Campus, Rajasthan, India

Prof. Saket Saurabh
The Institute of Mathematical Sciences, Chennai, India

Prof. B.S. Panda
IIT Delhi, India

Prof. B.N. Waphare
Savitribai Phule, Pune University, Pune, India

Prof. V. Loksha
Vijayanagara Sri Krishnadevaraya University, Karnataka, India

Prof. Tarkeshwar Singh
BITS Pilani K K Birla Goa Campus, Goa

Local Organising Committee

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Prof. Harilal B. Menon (Vice Chancellor, Goa University)

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Prof. Kaustubh Priolkar (Dean SPAS, Goa University)



Co-Chairman

Prof. Tarkeshwar Singh (BITS Pilani K K Birla Goa Campus)

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Dr. Jessica Fernandes e Pereira (Assistant Professor, Goa University)

Co-convenors

Dr. Aloysius Godinho (Assistant Professor, Rosary College, Navelim)

Adarsh Kumar Handa (Associate Professor, PCCE, Verna)

Natasha P DSouza e Jaques (Assistant Professor, DBCE, Fatorda)

Coordinators

Dr. M. Tamba (Assistant Professor, SPAS, Goa University)

Dr. M. Kunhanandan (Assistant Professor, SPAS, Goa University)

Dr. Reshma Raut Dessai (Assistant Professor, SPAS, Goa University)

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Dr. Narayan T. Vetrekar (Assistant Professor, SPAS, Goa University)

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Prof. Bryan Freyberg (University of Minnesota Duluth, USA)

Prof. V. Lokesh (Vijayanagara Sri Krishnadevaraya University, Karnataka, India)

Call for Original Abstract

Authors are invited to submit their abstracts based on the theme of the Conference for presentation; papers if accepted, will be scheduled for oral presentation in virtual mode. The decision will be communicated to the registered email id. The paper presenter has to present the paper online for 8-10 minutes. **Young Scientist award will be given to the best oral presentation, by researchers of age up to 35 years. (refer to conference website for details)**

Registration is free

Open to Students, Faculty members, Research Scholars.

Registration link

<https://bit.ly/coniaps-gta>

Conference Website: <https://sites.google.com/view/gta2021>

University Website: <http://www.unigoa.ac.in>

Instruction

E-certificates (participation/paper presentation) will be provided to the registered participants on successful completion of the Conference. Program schedule and the link for the Conference will be emailed to all the registered participants prior to the event.

Important Dates

Deadline for registration/abstract submission: September 30, 2021

Last date for full paper submission: October 15, 2021

Publication: Accepted Papers will be published as a book chapter in a book with ISBN Number

Contact Details

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Convenor ICGLA-2020

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