

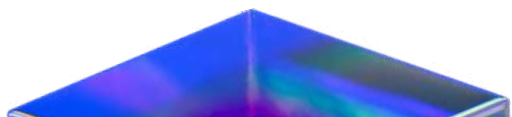
About the Institution

NITC has fifteen departments and seventeen centers. It offers ten undergraduate and twenty five postgraduate programmes apart from Ph. D. The institute has good infrastructure in computing, information technology, laboratories and central library including digital library. All departments have separate computing facility in addition to the central facility



PREAMBLE

The National Workshop "Advances in Graph Algorithms: Theory and Applications (AGATHA)" brings together researchers and students to explore recent developments and challenges in graph algorithms. Covering both theoretical insights and practical applications, AGATHA offers an engaging platform to discuss innovative approaches, complex problem-solving techniques, and emerging trends. The workshop focuses on core areas of graph algorithms with an aim to strengthen foundational understanding and inspire new research. With lectures and collaborative discussions, AGATHA fosters a vibrant community of scholars working towards advancements in graph algorithm research.



Important Dates

Last date for receipt of applications: 24th
November 2024

Intimation of selection on or before

25th November 2024

Address for Correspondence

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Algorithms and Formal Methods
Research Group (ALFOM)
Presents

National Workshop on Advances in Graph Algorithms: Theory and Applications : (AGATHA)

28,29
NOVEMBER 2024

Organised by

DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING

NATIONAL INSTITUTE OF TECHNOLOGY
CALICUT
NIT Campus P.O. CALICUT, 673601.
Kerala, India

Co-ordinators

Anand Babu N B, CSED
Ashwin Jacob, CSED
Renjith P, CSED

RESOURCE PERSONS



Prof. L Sunil Chandran
(IISc Bangalore)



Dr. Deepak Rajendraprasad
(IIT PKD)



Dr. Jasine Babu
(IIT PKD)



Dr. Krithika Ramaswamy
(IIT PKD)



Dr. Krishnamoorthy Dinesh
(IIT PKD)

+ Faculty Members from CSE, NITC

REGISTRATION FEE

There is no registration fee. This is a physical event and candidates are expected to come to NITC. Hostel accommodation for students can be arranged in the campus on request and payment basis.

Working lunch will be provided for external participants. Additionally, tea and snacks will be available during the scheduled tea breaks.

HOW TO APPLY?

Enter the details in this google form

<https://forms.gle/sH6Y3WUaWzAY6zFc8>



WORKSHOP CONTENT

The workshop will delve into cutting-edge techniques in graph algorithms, including parameterized, randomized, and approximation algorithms, as well as subgraph detection and graph decomposition methods.



ELIGIBILITY

The workshop is open to students and teachers interested in Graph Theory & Algorithms.



About ALFOM

Algorithms and Formal Methods Research Group (ALFOM) is a group of researchers in the Department of Computer Science and Engineering of NIT Calicut who are researching on recent advances in algorithms and formal methods.

About Department of CSE

The Department of Computer Science and Engineering, established in June 1997, offers an undergraduate program, three postgraduate programs (M.Tech in Computer Science, Information Security, and Artificial Intelligence/Data Science), and a doctoral program. The department emphasizes research through multiple research groups focused on producing translatable outcomes applicable to industry and societal challenges.

