

## ORGANISING COMMITTEE

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Smt. Sarasuwathi Khannaiyann, Managing Trustee  
Smt. Priya Satish Prabu, Executive Trustee & Secretary  
Shri. K. Sakthivel, Trustee

### PATRON

Dr. C. Natarajan, Principal - HIT

### CONVENOR

Dr. S. K. Latha, Prof. & Head / S & H

### CO-ORDINATOR

Mr. M. Jagannathan, AP / S & H  
☎ 9976039333 ✉ jagannathan.m@hit.edu.in

### MEMBERS

Dr. S. Jeyabharathi, Prof. / S & H  
Dr. P. Jayachitra, Prof. / S & H  
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One Day National Level Seminar on

## GRAPH THEORY AND ALGORITHMS

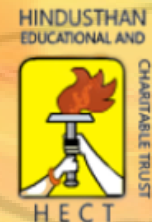
13th March 2021

Online Registration Form

Tap the below link to register

<https://forms.gle/Dz3D1aNQ5BxxhtwXA>

Scan and Pay  
the registration fee



One Day National Level Seminar on

## GRAPH THEORY AND ALGORITHMS

13th March 2021

Organised by

**Department of  
Science and Humanities  
(Mathematics)**

*Hindusthan  
Institute of Technology  
(Autonomous)*

(Approved by AICTE,  
Affiliated to Anna University, Chennai &  
Accredited with 'A' Grade by NAAC)  
Coimbatore - 641 032.

<http://hindusthan.net/hit/>

## ABOUT THE INSTITUTION

Hindusthan Institute of Technology is one of the leading Engineering Colleges which, imparting quality Technical Education to the aspirants from Tamil Nadu and other neighbouring states. It is run by Hindusthan Educational and Charitable Trust under the leadership of Shri. T. S. R. Khannaiyann and Smt. T. R. K. Sarasuwathy Khannaiyann.

The Institution was established in the year 2007 which is an autonomous, affiliated to Anna University Chennai and obtained accreditation from NAAC with 'A' grade. The institution is well known for its high educational standards and elite domain with excellent infrastructures, spread over 200 acres and is located on the Coimbatre - Pollachi National highway. The institution currently offers 7 UG and 3 PG programmes.

## ABOUT THE DEPARTMENT

The Department of Science and Humanities was initiated in the year 2007. It comprises of various disciplines like Mathematics, Physics, Chemistry and English. Since Science is the basis for all Engineering disciplines, the courses offered by the department form the foundation of all Engineering courses.

To expose the students to the latest trends in the relevant subjects, the department organises the series of guest lecturers, workshops and seminars in every academic year. In keeping abreast with the latest demands of the placements, the department strives to impart various skills like communication skills, technical skills, soft skills and essential life skills to the young aspirants of the institution.

Above all, holistic development of the students is the major focus of the department for which the members of the staff are easily accessible to their wards for personal guidance and counseling.

## OBJECTIVE OF THE SEMINAR

Graph Theory is ultimately the study of relationships. Given a set of nodes and connections, which can abstract anything from city layouts to computer data, graph theory provides a helpful tool to quantify and simplify many moving parts of dynamic systems.

Graphs are used in aeronautics, physics, biology (analyzing DNA), mathematics and other areas. Graph theory make it possible to guarantee a reliable service, for example by finding diversions when a particular connection is busy. All roads and motorways also form a large network, which is used by navigation services like Google Maps when working out the shortest route between two given points.

## ELIGIBILITY

Faculty members, Research scholar and PG students from academic institutions with relevant background, person from industries and R & D organisations are eligible to attend the seminar.

**REGISTRATION FEE: Rs. 200 /-**

## DATES TO REMEMBER

Last date for Registration : 08.03.2021

Notification for acceptance : 10.03.2021

## RESOURCE PERSONS

### Dr. K. Somasundaram

Professor / Mathematics

Amrita School of Engineering, CBE.

"Graph Theory and its Applications"

### Dr. V. Raja

Asst. Prof. / Mathematics

PSG College of Technology, CBE.

"Structure of free-like Graphs"

### Dr. T. Ramraj

Asst. Prof. / CSE

Coimbatore Institute of Technology, CBE.

"Mathematical Modelling for Graph Quantization and an Effective Algorithmic Design for Graph Similarity Check"

