

ABOUT KCG COLLEGE OF TECHNOLOGY

KCG College of Technology, a unit of the Hindustan Group of Institutions, was founded in 1998 by late Dr. KCG Verghese, Founder-Chairman HGI, to fulfill his vision of “Making Every Man a Success and No Man a Failure”. Currently, the college flourishes under the able guidance of Dr. Elizabeth Verghese, Chairperson, Hindustan Group of Institutions & Chancellor, Hindustan University. It is a Christian minority institution, affiliated to Anna University, approved by AICTE, and with courses accredited by NBA. The college has been certified as an ISO 9001:2008 institution. Set in 50 acres of beautifully landscaped grounds, the college is situated at Karapakkam (about 10 km from Adyar) on the Old Mahabalipuram Road, the IT Corridor of Chennai. The college offers 8 undergraduate B.E / B.Tech programmes as well as 6 postgraduate ME and MCA programmes. Equipped with ideal infrastructure and powered by highly qualified and dedicated faculty, the college strives to produce graduates who are competent, creative and committed. Its core philosophy is rooted in the belief that education, beyond imparting knowledge, must nurture the holistic development of the students.

ABOUT THE DEPARTMENT

The Mathematics division of S&H department is a premier department with 17 experienced and efficient teachers headed by Dr. P. Sivaramakrishna Das, a Professor with 49 years of experience. The department has three doctorates in Mathematics and five pursuing research in various universities.

ABOUT THE FDP

The two day FDP on Discrete Mathematics and Graph Theory is organized to focus on the 7th semester paper, “Graph Theory and its Applications” for CSE students. The aim of the FDP is to impart the necessary knowledge and induce confidence in teachers to handle this paper.

Discrete Mathematics is that part of Mathematics which deals with the study of discrete finite systems of objects. It is used whenever objects are counted, when relationships between finite sets are studied and analyzed. The digital computer is basically a finite structure, so many of its properties are understood and interpreted with the help of discrete mathematical systems.

Graph Theory has numerous applications in a wide variety of fields such as computer science, engineering, linguistics, physical and social sciences, etc. It plays an important role especially in the field of computer science in areas such as switching theory and logical design, artificial intelligence, formal languages, computer graphics, operating systems, compiler writing, information organization and retrieval of data.

Course outline would consist of the following:

- ★ Combinatorics, Generating Functions
- ★ Lattices and Boolean Algebra
- ★ Introduction to Graph Theory
- ★ Graph Coloring

RESOURCE PERSONS

Dr. Narayanan N

Prof. of Mathematics, IIT Madras.

Dr. Indra Rajasingh

Professor, Mathematics Division,
School of Advanced Sciences (SAS)
VIT University, Chennai.

Dr. P. Sivaramakrishna Das

Prof. of Mathematics & HOD(S&H),
KCG College of Technology, Chennai.

Dr. K. Ramanathan

Prof. of Mathematics & Dean (Academics),
KCG College of Technology, Chennai.

Only 50 participants will be selected for the programme. Selection will be based on first-come - first-serve basis. The Candidates can send their copy of signed and scanned registration forms to the Organizing Secretary through e-mail (sumathi@kcgcollege.com) The selected candidates will be intimated by email.

Registration fee: Rs. 500/-

(Fees may be paid on the day of FDP by cash)

Registration on or before: 20-06-16

Intimation of Selection: 24-06-16

State Level

Two day Faculty Development Programme on
“Discrete Mathematics & Graph Theory”

REGISTRATION FORM

Name :

Designation :

College/ University :

Contact Address :

Mobile Number :

E-mail :

Signature :

Signature of Principal :

Seal of Institution :

Chief Patron

Dr. Elizabeth Verghese
Chairperson

Patrons

Dr. Anand Jacob Verghese
Director & CEO

Dr. Annie Jacob
Director

Dr. Sumathi Poobal
Vice Principal

Convener:

Dr. P.Sivaramakrishna Das
Prof. of Mathematics & HOD(S&H)

Co- Convener:

MS. M.B.Bindu, Asst. Prof(SG), Asst. HOD(S&H)

Organizing Secretaries:

Ms. R.Sumathi, Asst. Prof(SG)
Mr. S.Narasimhan, Asst. Prof(SL)

Treasurer:

Ms. J. Jayalakshimi, Asst. Prof(SL)

Organizing Committee:

Mr. B.Kumaresan
Ms. N.Vanathi
Dr. Kanimozhiraman
Ms. N.Jose Praveena
Ms. B.Poorani
Ms. M.Geetha Lakshmi
Ms. J.FelcitaRegina
Ms. Aarthysundar
Mr. Vijayaraghavan
Mr. M.Baskar
Ms. Jamal Barakath



State Level
Two day Faculty Development Programme on
“DISCRETE MATHEMATICS
&
GRAPH THEORY”

30th June & 1st July 2016

Organized by
**DEPARTMENT OF SCIENCE
&
HUMANITIES MATHEMATICS DIVISION**