

One Day National Level Seminar on
**COMPUTATIONAL MATHEMATICS &
STATISTICS FOR ARTIFICIAL
INTELLIGENCE & DATA SCIENCE**

25th January 2020

Registration Form

(To be filled in block letters)

Name :

Please tick: (Student / Faculty / Industry person)

Gender : Male / Female

Designation:.....

Institution/Industry Name.....

Address for Communication:

.....

Phone :

Email id :

Demand Draft Details:

DD No & Date :

Amount :

Bank Name :

Date: Signature

DATES TO REMEMBER

Last Date for Registration : 14-01-2020

Notification for Acceptance: 21-01-2020

REGISTRATION FEE

UG / PG Students : Rs. 200/-

Faculty / Research scholars : Rs. 250/-

Industry person : Rs. 300/-

The registration form duly filled must be submitted along with DD in favour of **“The Principal, Hindusthan Institute of Technology”** payable at Coimbatore – 641 032.

Spot payment for registration is accepted.

CONTACT PERSONS

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Department of Science & Humanities

Hindusthan Institute of Technology

Coimbatore - 641 032

Email: cmsad2020@gmail.com

One Day National Level Seminar on
**COMPUTATIONAL MATHEMATICS
& STATISTICS FOR ARTIFICIAL
INTELLIGENCE & DATA SCIENCE**

25th January 2020

Organized by

**DEPARTMENT OF
SCIENCE AND HUMANITIES**



HINDUSTHAN

INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai & Accredited with “A” Grade by NAAC)
Coimbatore – 641 032

Phone : 0422 – 2930216

Fax : 0422 - 2930217

E-mail : hitprincipal@hindusthan.net

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

ABOUT THE INSTITUTION

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

The Institution was established in the year 2007 which is affiliated to Anna University Chennai and obtained accreditation from NAAC with A Grade. The Institution is well known for its high educational standards with excellent infrastructures, spread over 200 acres and is located on the Coimbatore - Pollachi National Highway. The Institution currently offers 7 UG and 4 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 organizes a series of guest lecturers, workshops, seminars 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, a 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

Objective of this seminar is to create a forum to impart knowledge of mathematics and statistics in the context of Artificial Intelligence and Data Science and aims to unite researchers who are building mathematical foundations for data science and artificial Intelligence .

“Math is like an octopus: it has tentacles that can reach out and touch just about every subject. And while some subjects only get a light brush, others get wrapped up like a clam in the tentacles’ vice-like grip. Data science falls into the latter category. If you want to do data science, you’re going to have to deal with math.” — Randall Hall, Marketing Analyst at Dataquest.

Mathematics play a vital role in the field of data science as concepts within mathematics are used in pattern recognition and developing algorithms. The understanding of various notions of

Statistics and Probability are the base for the implementation of such algorithms in data science.

Artificial Intelligence has gained importance in the last decade and the future for AI is extremely promising. However, learning to write algorithms for AI is not easy and requires extensive programming and mathematical knowledge. Mathematics plays an important role as it builds the foundation for programming for Artificial Intelligence

RESOURCE PERSONS

Dr. S. Hariharan

Associate Professor in Mathematics

Amrita Vishwa Vidyapeetham

Coimbatore

Dr. T. Palanisamy

Associate Professor in Mathematics

Amrita Vishwa Vidyapeetham

Coimbatore

Dr. G. R. Karpagam

Professor in CSE

PSG College of Technology

Coimbatore

ELIGIBILITY

Faculty members, Research scholars, UG and PG students from academic institutions with relevant background, person from Industries and R&D organizations are eligible to attend the seminar.