ABOUT STTP

The Short Term Training Programme bridges faculty members with techniques and modern pedagogies that help them to better connect with, manage and teach their students in a manner which ensures that all the students are learning and benefiting.

OBJECTIVE OF STTP

The main objective of this STTP on "Mathematical Modeling and Computational Software" is to bring experts together to share their knowledge and expertise in problem solving with advanced Mathematical Software on different aspects of Mathematical Modeling. This STTP focuses on areas including R-Programming, PYTHON, MATHEMATICA, MATLAB, SAGEMATH, BLUSKY Statistics etc. This STTP will provide an opportunity for teachers and researchers to learn the current trends in Mathematical software.

REGISTRATION FEE: Rs. 200/-

LAST DATE FOR REGISTRATION: 20.03.2023

Link For Registration
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Payment can be done through the below QR code

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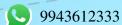**Shri. K. Sakthivel,**
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Hindusthan
Institute of Technology
(an Autonomous Institution)

(Approved by AICTE, New Delhi; Affiliated to Anna University, Chennai; Accredited by NAAC with 'A' Grade & NBA and an ISO Certified Institution)

One Week International Level Short Term Training Programme (STTP) on Mathematical Modeling and Computational Software

(Blended Mode)

27 March - 1 April 2023

Organised by

Department of Science and Humanities

Valley Campus, Pollachi Main Road, Coimbatore - 641 032.
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 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. Sarasuwathi Khannaiyann.

The Institution was established in the year 2007 which is an Autonomous institution, 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 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 a series of guest lecturers, workshops and 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, 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.

ELIGIBILITY

Faculty members and Research scholars from academic institutions with relevant background, persons from industries and R & D organisations are eligible to attend the STTP.

RESOURCE PERSONS

1. **Dr. M. S. Mutharasu / Asst. Prof. & Head Dept. of Maths, CBM College, Coimbatore**
   "Effective digital teaching Methodologies"

2. **Dr. R. Muthukrishnan / Prof. / Statistics Bharathiar University, Coimbatore**
   "Machine Learning Techniques using R"

3. **Dr. P. Paramananthan / Asst. Prof. / Maths Amrita Vishwa Vidyapeetham, Coimbatore**
   "Computation using MATLAB"

4. **Dr. J. Seikkizhar / Asso. Prof. PSG Institute of Management Studies Coimbatore**
   "BLUSKY Statistics"

5. **Dr. A. Manivannan / Asst. Prof. Mathematical Division School of Advanced Sciences Vellore Institute of Technology, Chennai**
   "Viable free open-source Mathematical Software-SAGEMATH"

6. **Dr. C. Veeramani / Asst. Prof. (Grand in Aid) Department of Applied Science (Maths) PSG College of Technology, Coimbatore**
   "Applied Optimization with MATLAB Programming"

7. **Dr. S. Dhanasekar / Asst. Prof. Mathematical Division School of Advanced Sciences Vellore Institute of Technology, Chennai**
   "Computation Meets Knowledge using MATHEMATICA"

8. **Dr. V. Parthiban / Asst. Prof. Mathematical Division School of Advanced Sciences Vellore Institute of Technology, Chennai**
   "Effective Teaching of Mathematics using PYTHON"

9. **Dr. T. Sathiyaraj / Lecturer Institute of Actuarial Science and Data Analytics, UCSI University, Malaysia**
   "Fractional Order Delay Differential Equations with MATLAB"

10. **Ms. A. Jai Anandhi / Statistical Inspector O/o, Deputy Director of Statistics Dept. of Economics & Statistics, Coimbatore**
    "Official Statistical Techniques and Methodologies"