ABOUT DEPARTMENT

The Department of Computer Science and Engineering is part of Vidya's long record of academic excellence, and we uphold this reputation with confidence. We offer B.Tech and M.Tech courses. Our goal is to equip the students with career opportunities in various fields of computer engineering. The department is regularly conducting seminars and workshops for the benefit of both staff and students. The department has tie up with industries like IBM, Infosys, TCS, Wipro etc and also very good placement record. We have an ITIMS division for the entire campus IT solution. The labs are equipped with advanced and sophisticated networked computing environment. Multiple dedicated leased line access with internet bandwidth of 4Mbps from Asianet and 10Mbps from National Knowledge Network (NKN) serves the labs and the rest of the campus .All software products of Microsoft are available through Microsoft campus agreement.

DEPARTMENT VISION

Progress through quality education and become a centre of excellence in computing knowledge..

DEPARTMENT MISSION

To seek, to strive for advancements in technological and social aspects so as to create socially responsible engineers in the field of computer science, who will embark to further reduce gap between science and man-kind.

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vidya
Progress Through Education

FACULTY DEVELOPMENT PROGRAMME ON

THEORY OF
COMPUTATION

[Based on KTU Syllabus]

Resource Person:

Mr. Anilkumar S
(Assistant Professor, Dept. of CSE, GEC Idukki)

DATE : 16TH - 21ST APRIL 2018

Organized by

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

Vidya Academy of Science and Technology
(A unit of Vidya International Charitable Trust)

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ABOUT FDP

Automata theory (also known as Theory of Computation) is a theoretical branch of Computer Science and Mathematics, which mainly deals with the logic of computation with respect to simple machines, referred to as automata. Automata enables the scientists to understand how machines compute the functions and solve problems. The main motivation behind developing Automata Theory was to develop methods to describe and analyse the dynamic behavior of discrete systems.

The faculty development program aims to prepare young faculty members to understand the subject "Theory of Computation" and to enhance their teaching skills with depth knowledge. Topics include Automata and Language Theory, Computability Theory, and Complexity Theory.

RESOURCE PERSON

Mr. Anilkumar S, is working as an Assistant Professor in Department of Computer Science and Engineering at Government Engineering College Painavu, Idukki. He has graduated (M.Tech) from NIT Calicut and took his B.Tech from Cochin University College of Engineering (CUSAT). At present he is doing PhD in Department of Computer Science, Real and Complex analysis and Digital Image Processing.

WHO SHOULD ATTEND

This FDP will be useful for development of teachers, researchers and trainers working in all universities, colleges, staff training institutes which teach computer science and alied subjects. UG/PG students from various engineering colleges preparing for competitive examinations can also participate.

A certificate of participation shall be provided to all the participants.

TOPIC COVERAGE

This Faculty Development Programme (FDP) is intended to cover the topics of the subject "CS301 - Theory of Computation" as per Syllabus of the APJ Abdul Kalam Technological University, Kerala.

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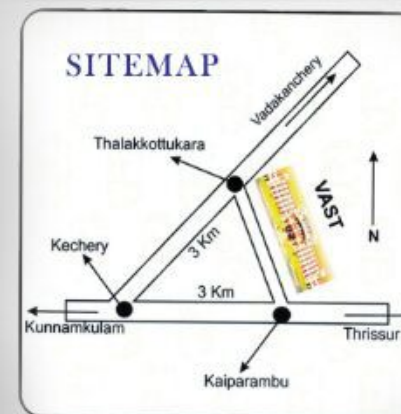Ph: 9446511300

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