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Chairman, VICT

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Pricipal, VAST

TECHNICAL ADVISORY COMMITTEE

Mrs. Sunitha C
Asso. Professor & HoD - CSE

Dr. M. N. Agnisarman Namboodiri
Dean-PG Studies

Col. M P Induchudan (Retd.)
Professor, CSE

CONTACT DETAILS

CONVENORS

Mrs. Aswathy M R
Asst. Professor
E-mail : aswathymr@vidyaacademy.ac.in
Mobile : 9961995332

Mrs. Geethu P C
Asst. Professor
E-mail : geethu.p.c@vidyaacademy.ac.in
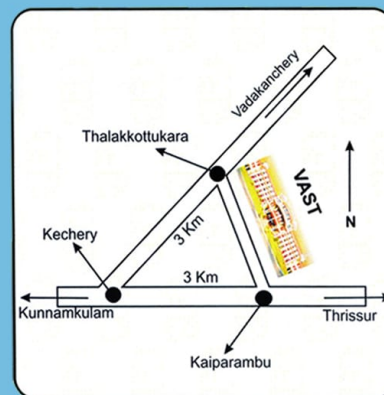Mobile : 9846936001

CHIEF CO-ORDINATOR

Mrs. Sunitha C
Asso. Professor & HoD - CSE
E-mail : sunitha@vidyaacademy.ac.in
Mobile : 9446076935

LOCATION OF INSTITUTE

Vidya Academy of Science and Technology

(A unit of Vidya International Charitable Trust)
Affiliated to APJAKTU & Calicut University
Approved by AICTE / ISO 9001 : 2008

P O Thalakottukara, Near Kaiparambu, Thrissur - 680501,Kerala,
Phone: +91-4885-287751 / 287752
Fax: +91-4885-288366
Email: principal@vidyaacademy.ac.in
Website : http://vidyaacademy.ac.in

Vidya Academy of Science and Technology

(A Unit of Vidya International Charitable Trust)
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3 DAY FACULTY DEVELOPMENT PROGRAMME ON

FUNCTIONAL PROGRAMMING
WITH
CLOJURE

20 , 21 & 22 OF APRIL 2017

RESOURCE PERSONS

Sreenath N
Product developer
Multunus Software Pvt. Ltd

Midhun P G
Senior Member Technical Staff
Oracle India Pvt. Ltd

Organized by

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

in association with

Institution of Engineers - India (IEI)
&
Computer Society of India (CSI)

ABOUT THE INSTITUTION

Vidya Academy of Science and Technology (VAST) was established in August 2003 with the aim of providing outcome based education to students of engineering and technology. An experiential mission statement aligned to a futuristic vision holds the entire institution and the stakeholders together in the continuous pursuit of excellence. In order to achieve the educational objectives, scaling up the eco and infrastructures, vitalizing teaching-learning structures and resources, and engineering of proactive procedures and practices are instituted, as continuously evolving governance measures. VAST offers to its UG and PG students, value based education founded on fundamentals and core competence, research orientation, and social and life skills.

ABOUT THE 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.

OUR MISSION

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

OUR 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.

ABOUT RESOURCE PERSONS

Sreenath N

Product developer at Multunus Software Pvt. Ltd

Sreenath is a functional programming aficionado with more than five years of industry experience in software engineering. He is a passionate and pragmatic programmer, extreme programming and lean start-up enthusiast, and an occasional open-source contributor. Having worked on various frameworks in both web and mobile technologies he has expertise in Ruby, Clojure, Javascript, and Java.

Midhun P G

Senior Member Technical Staff at Oracle India Pvt. Ltd

Midhun is a back-end developer currently working in Oracle having more than 3 years of industry experience. His main expertise is in C++ and database related technologies, but he always finds some time to explore new technologies out there in the market. After completing B.Tech from Vidya, he joined for M.Tech in NIT Surathkal, and completed the course with Gold Medal. Since then he has been working with Oracle.

COURSE CONTENTS

- **Day 1 [Morning Session]**
  - Introduction
  - Why functional programming?
  - Why lisp?
  - Set up environment

- **Day 1 [Afternoon session]**
  - Introduction to REPL and REPL driven development
  - [Optional] Basics of emacs
  - Clojure language basics and overview
  - Hands-on exercise

- **Day 2 [Morning session]**
  - Previous day's review
  - Core Functions in Depth
  - Thinking in the functional way
  - Introduction to namespaces and code organization

- **Day 2 [Afternoon session]**
  - How clojure runs your code
  - Writing Macros
  - Hands-on exercise

- **Day 3[Morning session]**
  - Previous day's review
  - Concurrent and Parallel Programming
  - Clojure concurrency primitives
  - [Optional] Multimethods, Protocols, and Records

- **Day 3 [Afternoon]**
  - Hands-on Project

REGISTRATION

Starts from 12th April 2017
Registration link : goo.gl/2G1bKX
Registration Fee : Rs 300