

About AISAT

Albertian Institute of Science And Technology (AISAT), is an undertaking of Archdiocese of Verapoly - an Archdiocese with a track record of centuries serving in the field of education. AISAT is located in the industrial belt of Cochin City, neighbored by CUSAT nestled by the side of National Highway 47, Seaport - Airport road and is easily accessible by all modes of transport.

The College is affiliated to M.G. University & offers B. Tech

- ◆ Civil Engineering
- ◆ Mechanical Engineering
- ◆ Electrical & Electronics Engineering
- ◆ Electronics & Communication Engineering
- ◆ Computer Science & Engineering

M.Tech

- ◆ Civil Engineering with specialization in Geomechanics and Structures

The vision of AISAT is to be a centre of excellence for professional education and related services creating technically competent and ethically strong innovative minds committed to the overall growth of the nation and beyond.

About CSE Department

The department of Computer Science & Engineering aims to impart quality professional education to mould up excellent professionals who have technical competence, employability skills and strong ethical values. The department offers B.Tech degree programme with an intake of 60 students and has its focus on research and development activities with emphasis on student and faculty development.

Convener

Ms. Deepthy K Denatious
Head of the Department
Computer Science and Engineering
Mobile : +91 9496179612
Email : deepthy@aisat.ac.in

Coordinators

Ms. Jaya Rani Thomas
Assistant Professor
Mobile : +91 9539552378
Email : jayarani.thomas@aisat.ac.in

Ms. D. Jeniffa
Assistant Professor
Mobile : +91 8098005258
Email : jeniffad@aisat.ac.in



Albertian Institute of Science & Technology
AISAT - Technical Campus
Archbishop Angel Mary Nagar,
Cochin University P.O.
Kalamassery, Kochi - 682022
Kerala, INDIA
Email: mail@aisat.ac.in
Tel: 0484 2540360/61, 6526299



**Department of
Computer Science and Engineering**

**ALBERTIAN INSTITUTE OF
SCIENCE AND TECHNOLOGY**

Organizes

CSI Certification Programme on

**Big Data Analytics
with MongoDB**



Venue: Computer Centre, AISAT

Time: 9.00 am to 4.30 pm

Course Outline

In today's environment of data abundance and frequent data overload, the ability to discover unique insight enables organizations to improve decision making, resulting in the ability to take advantage of opportunities, minimize risks and control costs. Big data analytics is the process of examining big data to uncover hidden patterns, unknown correlations and other useful information that can be used to make better decisions.

This course focuses on MongoDB - one of the new open source database tools, used to handle documents in a free schema design providing greater flexibility to store and utilize the data. The programme covers,

- ◆ *Introduction to MongoDB*
- ◆ *CRUD and the MongoDB Shell*
- ◆ *Indexing and Schema Design*
- ◆ *Drivers*
- ◆ *Replication*
- ◆ *Performance Troubleshooting*
- ◆ *Monitoring*
- ◆ *Sharding*
- ◆ *Backups and Recovery*
- ◆ *Data Visualization using Javascript*

Course Format

2 day Workshop Style. Post course, the participants will be given exercises and project. A follow up programme for interested participants will be conducted on **18th Nov, 2014** at the same venue (no extra registration fee). It includes a session on advanced concepts, online test and project review.

Certification

All participants of the 2 day course will be given **Course Completion Certificate** and those who clear the online exam on the follow up day will be awarded **Excellence Certificate**.

Resource Person

Mr. Vijaykumar Nair K

Chief Technology Officer and Principal Enterprise Architect, Assyst International Pvt. Ltd, Kochi

Mr. Nair is an M. Tech graduate in Computer Science from Indian Statistical Institute, Calcutta and is a Certified Lead Assessor for EFQM. He has over twenty years of experience in the IT industry and has been part of over 40+ projects. Currently he heads a team of engineers providing solutions on Big Data and Business Intelligence including data and text mining, visualization and mapping. He has also been a visiting faculty at various leading Institutions in India and Europe.

Who can Apply

- ◆ IT Professionals
- ◆ Faculty from Academic Institutions
- ◆ Research Scholars
- ◆ PG Students

Registration Fees

IT Professionals	: Rs. 3000
Academicians	: Rs. 1500
PG Students	: Rs 1250
CSI members (any category)	: Rs 1000

Last date for Registration : **22nd Oct, 2014**

Download Brochure & Registration form @



www.aisat.ac.in

Registered candidates will be intimated through mail.

Mode of Payment

Option 1: NEFT (National Electronic Funds Transfer)

Account Name	: CSI-AISAT-STUDENT BRANCH
Account Number	: 33419312784
Account Type	: SB
Bank	: State Bank of India
Branch	: Centre of Engg Studies, CUSAT
IFSC Code	: SBIN0010559
Beneficiary Address	: Albertian Institute of Science & Tech, Archbishop Angel Mary Nagar, CUSAT P.O, Kalamassery.

After the transaction of registration fee, send the scanned copy of duly filled registration form to **csi@aisat.ac.in**

Note: It is mandatory to mention the UTR Code / Payment ID of money transfer in the Registration Form.

Option 2: Demand Draft

Demand Draft (DD) to be drawn in favour of **CSI - AISAT – STUDENT BRANCH**, payable at **Centre of Engg Studies, CUSAT**.

Hard copy of the duly filled registration form along with DD to be sent to:

*The HOD, CSE Department,
Albertian Institute of Science & Technology,
AISAT – Technical Campus,
Archbishop Angel Mary Nagar, Cochin University P. O.,
Kalamassery, Kochi – 682022.
Kerala, INDIA.*

For any queries e-mail to :



csi@aisat.ac.in