Faculty Development Program on MongoDB
(As per 4th Sem VTU-2022 Scheme)

MongoDB is the document database designed to make it easy for developers to work with data in any form, and from any programming language.

This FDP covers comprehensive syllabus of 2022 VTU Scheme of 4th semester Ability Enhancement Course **"MangoDB"** with complete hands on training from industry Experts .

FDP Content:

The Department of CSE(AI&ML) and CSE (DS) is organizing 3 days FDP on 'Mongo DB' during April 16th to 18th 2024 . This program is planned to be conducted online and supported by VTU, Belagavi. MongoDB is an open source document oriented database that is designed to store large scale of data. This course has been introduced for CSE streams in 2022 VTU scheme under Ablity Enhancement Course(AEC).

The FDP content includes Introduction to Mongo DB and complete VTU Lab syllabus.

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Prof. M.R. Holla, President, SSVVSS, Bengaluru.
Dr. Vidyashankar S, Vice chancellor, VTU, Belagavi

Chief Patrons:
Dr. A M Padma Reddy, Vice President, SSVVSS
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Convener:
Dr. T G Manjunath, HOD, CSE (AI & ML)
Dr. Nagashree N HOD, CSE (Data Science)

Co-ordinators::
Prof. Amarnath Patil Asst Prof CSE (Data Science)
Prof. Jayshri Asst Prof CSE (AI & ML)

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Sri Sai Vidya Vikas Shikshana Samithi ®
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INSTITUTE OF TECHNOLOGY

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3 days Faculty Development Program on
MongoDB
(As per 4th Sem VTU-2022 Scheme)
on
16, 17 and 18th April, 2024(Online Mode)

Organized by:

Department of
CSE(Artificial Intelligence & Machine Learning)
&
CSE(Data Science)

In Association with
Visveswaraya Technological University, Belagavi

About Institution

Sai Vidya Institute of Technology, affiliated to Visvesvaraya Technological University (VTU) Belagavi, Karnataka, approved by All India Council for Technical Education(AICTE) New Delhi, and recognized by the Government of Karnataka, was established in the year 2008 by SRI SAI VIDYA VIKAS SHISKHANA SAMITHI which is a trust formed by group of well-known academicians.

Prof M.R Holla a well-known academician and administrator with-over 50 years of academic and administrative experience to his credit along with an excellent team of popular professors of Engineering education in the state of Karnataka . The team comprises of Dr. A.M. Padma Reddy, Dr. Y.Jayasimha, Prof R.C. Shanmukha Swamy in association with Sri M.K Manohar renowned Chartered Accountant and Sri Narayana Raju, a well-known administrator.

The Institute offers UG Programs in Computer Science and Engineering, Information Science and Engineering, Computer Science and Engineering (AI & ML), Computer Science and Engineering (DS), Electronics and Communication Engineering, Mechanical Engineering and Civil Engineering and PG program in MBA. SVIT also offers PhD programs under VTU R&D center. The institute is accredited by NAAC with 'A' grade.

Motivation behind FDP

As per NEP 2020 and VTU scheme 2022, "MongoDB" has been introduced for the 4th semester BE to cater the needs of current technology. This FDP has been organized to enhance the knowledge of the faculty.

About Department

The Department of Computer Science and Engineering (AI & ML) and Department of Computer Science and Engineering (Data Science) started in the year 2021-22 with an intake of 60 students, currently with intake for both the branches is 120 students.

Department of CSE(AI & ML) is headed by Dr. T G Manjunath, having vast experience of more than two decades and Department of CSE (Data Science) is headed by Dr. Nagashree N, having vast experience of more than a decade with rich knowledge in the field of Artificial Intelligence and Data science. Both the Departments signed MOUs with reputed organization to provide the training to the student's time to time on the present technology.

Objectives of FDP:

1. Understand basic MongoDB functions, operators and types of operations in MongoDB.
2. Demonstrate the use of Indexing, Advanced Indexing in MongoDB.
3. Apply the aggregation and Map Reduction in MongoDB.
4. Demonstrate text searching on collections in MongoDB.

Outcomes of FDP:

1. Make use of MangoDB commands and queries.
2. Illustrate the role of aggregate pipelines to extract data.
3. Demonstrate optimization of queries by creating indexes.
4. Develop aggregate pipelines for text search in collections.

Resource persons
Mr.Mallikarjun Kokatanur,
Principal Consultant and Tech Lead Tesco, Bengaluru

Mr.Omkar Pallapolu,
Tech Lead, SLK Software Services Ltd Bengaluru

Registration Fee

The registration fee of Rs. 300/- shall be paid through online. Scanned copy of registration form details to be filled in the registration link below:
https://forms.gle/FbzD3M4VfGT16eaK8

Contact Details:

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LAST DATE FOR REGISTRATION:
13th APRIL 2024

For Online transaction of fees payment GPay/ PhonePeNo:
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SCAN & PAY