

**5 Days
Faculty Development Program
(Blended Mode)
on**

MERN (BDSL456C)
(As per 4th semester VTU – 2022 Scheme)



This FDP covers the syllabus of VTU 2022 scheme of 4th semester Ability Enhancement Course MERN (BDSL456C) with complete Hands on Training from Industry Experts

About FDP

The Department of CSE(AI&ML) is organizing 3 days FDP on 'MERN' during April 23 to April 27, 2024 in blended mode. This program is planned to be organized in blended mode and the program is supported by VTU, Belagavi. The FDP covers VTU 2022 scheme 4th semester syllabus of Ability Enhancement Course "MERN" with hands on training from Industry experts. MERN is a collection of technologies that enables faster application development. It is used by developers worldwide. It is a contraction of four different technologies M – MongoDB E - ExpressJS, R - ReactJS and N - NodeJS that work together to develop dynamic web apps and websites.

Chief Patron:

Dr. T. Venkat Vardhan
President
Golden Valley Educational Trust,
KGF

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Dr. H. G. Shenoy, Vice-Principal,
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Mr. Thangaraj R., Accounts Head, GVET

Convener:

Dr. Geetha C. Megharaj
Professor & Head
Department of CSE (AI&ML)

Coordinators:

Dr. Jansi Rani J.
Assoc.Prof, CSE (AI & ML)
Prof. Inbalatha K.
Sr. Asst. Prof.CSE (AI & ML)
Prof. Leelavathy S. R.
Sr.Asst. Prof., CSE (AI & ML)
Prof. Apoorva D.
Asst. Prof., CSE (AI & ML)



**Dr. T. Thimmaiah Institute of
Technology**

(Golden Valley Education Trust)
(Affiliated to VTU, Belgaum,
Recognized by Govt. of Karnataka)
Approved by AICTE, New Delhi,
Accredited by NAAC – 'A' Grade
Accredited by NBA, New Delhi (CSE, ECE, MIN)
Oorgaum Post, K.G.F – 563120



**5 Days Faculty Development Program
(Blended Mode)**

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MERN (BDSL456C)
(As per 4th semester VTU – 2022 Scheme)

23.4.2024 to 27.4.2024

*Organized
By*

**Department of CSE (Artificial
Intelligence & Machine Learning)**

In Association with
**Visvesvaraya Technological
University, Belagavi**

About the Institution:

Dr. T. Thimmaiah Institute of Technology (Formerly Known as Golden Valley Institute of Technology GVIT) was started in the year 1986 at Kolar Gold Fields by **Dr. T. Thimmaiah, Ph. D., (London), IAS (Retired)**, as the **founder President** under the aegis of **Golden Valley Educational Trust**, with the sole purpose of imparting a quality technical education in rural sector of Kolar District. Dr. T. Thimmaiah Institute of Technology is affiliated to **Visvesvaraya Technological University (VTU)** and First Engineering College in Kolar District. Dr. TTIT is approved by the All India Council for Technical Education (AICTE), NAAC Accredited by 'A' Grade and at present offers Degree Courses in Engineering. Today, Dr. TTIT is under the able administration of **Dr. T. Venkat Vardhan**, the **Managing Director** of India's No.1 Events Company, **DNA Entertainment Networks Private Limited** which is headquartered in Bengaluru. Born and educated in Kolar Gold Fields and Bengaluru, a Mechanical Engineer from UVCE, he is responsible for redefining and landscaping presentation of Mega Live Entertainment and Sports Events in India since its inception for over two decades.

About the Department:

The Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) was established in the academic year of 2022 with an intake of 30 and further enhanced to 60 seats in the year 2023. The department of CSE (AI & ML) is headed by Dr. Geetha C. Megharaj having three decades of academic experience. The

department has well-qualified and experienced faculty members having extensive expertise and experience in their respective fields. The department offers well-equipped laboratories with modern hardware and software.

Objectives of FDP

- Understand Modern web development practices to build scalable, efficient and Dynamic web applications.
- To build server-side applications using Node.js and Express
- Develop user interfaces with React.js
- Manage data using MongoDB
- Integrate above mentioned technologies to create full stack web applications.

Outcomes of FDP

- Apply the fundamentals of MongoDB such as CRUD operations and basic queries to solve given problem.
- Use constructs of Express.js to solve real world problems.
- Develop scalable and efficient RESTful APIs using NodeJS.
- Develop applications using React components.

Communication:

Dr. Jansi Rani. J.

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Resource Person:

Mr. Balaji V.

Director Technical

Tech Fortune Technologies, Bengaluru

Registration details:

Registration on or before: 20th April 2024

Link :

<https://forms.gle/LdTL1zFtMxV1p4M28>

Registration Fees: Rs. 300 /-

Scan code:



Technical Support:

Mr. Naveen, System Admin

Mrs. Sunitha D., Lab Instructor

E-CERTIFICATE WILL BE PROVIDED