

A Three Day National Level Workshop on

**Modern Web Application  
Development using MEAN Stack**

**26<sup>th</sup>, 27<sup>th</sup> and 28<sup>th</sup> SEPTEMBER 2019**

**Under  
TEQIP – III**

**Registration Form**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Qualification: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile No: \_\_\_\_\_

Email: \_\_\_\_\_

Place:

Date: **Signature of the Applicant**

**Forwarded through Head of the Dept. / Institute**

**Advisory Committee**

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2. Prof. M. Vijay Kumar, Registrar, JNTUA.
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8. Dr. K.Madhavi, Associate Professor of CSE
9. Dr. A.P.Siva Kumar, TEQIP-III Coordinator
10. Dr. K.F.Bharati, Assistant Professor of CSE

**Address for Communication:**

Prof. P Chenna Reddy,  
Professor of CSE

Dr. B. Lalitha,  
Assistant Professor of CSE

Co-Ordinators,  
Modern Web Application Development using  
MEAN Stack Workshop  
Department of CSE  
JNTUA College of Engineering,  
Ananthapuramu- 515002,  
Andhra Pradesh,  
Ph No: 9885336491  
Email: [meanworkshop.jntuacea@gmail.com](mailto:meanworkshop.jntuacea@gmail.com)

**Co-Coordinator**

Mr. K. Anil Kumar,  
Assistant Professor (Adhoc),  
Phone No: 7780553796

**Student Organizers:**

1. A. Babu (III M.C.A) - 7993765438
2. D. Thimma Chowdary (III M.C.A)
3. L K Manoj Kumar(III M.C.A)
4. P. Reshma(III M.C.A)
5. C. Hemanth Kumar (IV B.Tech)
6. A. Sudheer Kumar (IV B.Tech)
7. N. Babu (II M.C.A)

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**Organized by**

**Department of Computer Science & Engineering  
JNTUA College of Engineering  
(Autonomous) :: Ananthapuramu  
Andhra Pradesh, India  
[www.jntuacea.ac.in](http://www.jntuacea.ac.in)**

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**Convener**

**Prof. A.Sureshbabu**  
Head, CSE Dept

**Coordinators**

**Prof. P Chenna Reddy**  
Professor of CSE

**Dr. B. Lalitha**  
Asst. Professor of CSE

## About the Institution

JNTUA College of Engineering, Ananthapuramu stands aloft on a solid foundation of past glory and prestige. This college was established in the year 1946, under the post war reconstruction program and functioned at Guindy campus, Madras for two years and was shifted to Ananthapuramu in 1948. It was in the year 1958 that the college was shifted to the present permanent buildings accommodating the Administrative block, Laboratories, the Engineering Departments, Library and the Hostel blocks. During the first 25 years of its existence, it was affiliated to the Madras and S V University and produced distinguished alumni, who are holding high positions, in India and abroad. It has great tradition to be proud of. Fortified with traditional values and dedicated spirit of the staff and the students, it would rise up to any occasion or meet any challenge confidently.

The college became a constituent college of the formed **Jawaharlal Nehru Technological University** Hyderabad in 1972 and presently it is a constituent college of newly formed **JNT University Anantapur**, Ananthapuramu since August 2008. This college has vast campus sprawling over an area of 185 acres, in a peaceful atmosphere, away from the dust and din of the town. With this a new era was ushered in Technical Education. Consequently, there was an impetus to the academic activity of this college. The College was initially established to provide basic technical education, with the passage of time, it emerged out, as one of the colleges to fulfill the technical need of our fast-developing India with highly professional and well-trained graduates.

## About the Department

The department of Computer Science Engineering is started in 1989 with an intake of 15 students. The present intake for the Bachelor's course is 60. For the last two decades the department has an enormous growth in student strength, infrastructure facilities number of courses being offered. Currently, the department is offering B. Tech, M.C.A, and three M. Tech programs.

## About Workshop

In-depth understanding of XHR API, Development of multiple call back function to uphold the encapsulation. Asynchronous Programming & Callbacks, Server side java script, frame works and packages to develop Single Page Application and smart websites. Leveraging alternate syntax, libraries for efficient coding, Fast, minimalist web framework to create REST API Server with dynamic views, build a ubiquitous database from mainframes to the public cloud and Containerizing Node.js

The MEAN stack which refers to a collection of JavaScript-based technologies used to develop web applications. MEAN is an acronym for MongoDB, ExpressJS, Angular and Node.js--- MongoDB is a database system, Express is a back-end web framework, Angular.js is a front-end framework, and Node.js is a back-end runtime environment. The entire program is a structured learning path recommended by leading industry experts and ensures that you transform into an expert Full Stack developer.

## .Objectives

- To gain an in-depth knowledge of concepts such as Express.js, Node Package Manager(npm), multi-processing in Node.js, REST API, CRUD operations, Express.js with MongoDB.
- To master concepts such as in-depth understanding of XHR API< Bootstrap Grid System, Dependency Injections, SPA(Single Page Application), Directives, Forms, Pipes, Promises, Observables and an expert MongoDB developer by gaining an in-depth knowledge of NoSQL
- To provide hands-on sessions to develop a smart websites using MEAN Stack ( MongoDB, Express, Angular, Node)
- Develop a platform that allows users to easily pack, distribute and manage applications within containers.

## About TEQIP-III

The Project, Third phase of Technical Education Quality Improvement Program (referred to as TEQIP-III) is fully integrated with the 12th Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States (SCS) and support to strengthen few affiliated technical universities to improve their policy, academic and management practices. The Project will focus on the following objectives:

- Improving quality and equity in engineering institutions in focus states viz. 7 Low Income States (LIS), eight states in the North-East of India, three Hill states viz. Himachal Pradesh, Jammu & Kashmir, Uttarakhand and Andaman and Nicobar Islands (a union territory (UT))

- System-level initiatives to strengthen sector governance and performance which include widening the scope of Affiliating Technical Universities (ATUs) to improve their policy, academic and management practices towards affiliated institutions
- Twinning Arrangements to Build Capacity and Improve Performance of institutions and ATUs participating in focus states.

## Venue:




College Auditorium  
JNTUA College of Engineering, Ananthapuramu

Participants should apply through the following link  
<http://jntuacea.ac.in/meanworkshop>

## Important Dates:

Registrations Starts from : **17-09-2019**  
Last Date for registration : **23-09-2019**

## Resource persons:

 Dr. J Geetha Reddy,  
 Dr. Anita Kanavalli,  
 H. K. Srilakshmi,  
Ramaiah Institute of Technology,  
Bangalore-54.

## Note:

- **Participants must bring their Laptops.**
- No TA and DA will be paid to participants
- Registration link will be closed if number of participants reaches maximum even before last date.
- Registrations are purely on first come first serve basis.
- Certificates will be provided to all participants.