ABOUT THE UNIVERSITY

Jawaharlal Nehru Technological University Kakinada is formed in the year 2008. University College of Engineering, Kakinada, is one of the constituent colleges of this University playing a significant role since 1946 in imparting technological education in the state of Andhra Pradesh. JNTUK jurisdiction covers the Five districts of Andhra Pradesh having around 159 affiliated Engineering, Pharmacy and Management Colleges. The University College of Engineering won appreciation for judicious effective utilization of TEQIP - I& II funds and is presently under TEQIP –III to enhance PG education and Research.

ABOUT INCUBATION CENTRE, JNTUK

In order to make the students of Andhra Pradesh as global citizens and to enhance their quality of life and employability by providing them exposure in cutting edge technologies such as data Analytics, mobility, AI, ML and cloud.

To achieve this, they should be digitally trained using **Experiential Learning**, **Collaborative Learning** and **Learn by Example** strategies through e-learning platforms with industry networking and promote *Industry Oriented Research.*

JNTUK incubation centre is working towards this goal by establishing a **Digital Centre of Excellence** in collaboration with **Infosys Ltd.,** Wipro **Ltd., Tetrasoft Inc, USA , TOOOPLE PTE Singapore, I.I.Sc., Bangalore, Chicago State University and University of Missouri Columbia, USA.**

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Dr. S.Surekha, Assistant Professor

Faculty Enablement Program (FEP) on "MEAN Full Stack Development"

01st March 2023
to
07th March 2023

Organized by

Directorate of Incubation Centre, Directorate of IIIP&T, Directorate of FDC, Dept. of CSE- UCEK

Jawaharlal Nehru Technological University Kakinada Kakinada-533003 Andhra Pradesh, India.

ABOUT THE PROGRAM

To implement the New Education Policy (NEP) 2020 and the vision of the Govt., JNTU-K has brought in eight state-of-the-art skill development subjects into their B.Tech., CSE and IT curriculum. Infosys Limited has launched Infosys Springboard which has a rich repository of 12,000+ courses. In this context, JNTU-Kakinada and Infosys have entered into a Memorandum of Understanding (MoU) to use the Infosys Springboard program for developing the digital skills of the faculty and students of JNTU-Kakinada. **Faculty Enablement Program (FEP)** on **MEAN Full Stack Development"** using **Infosys Springboard** platform program is aimed to train the faculty members to teach the Job Oriented Course **"MEAN Stack Development"** and Skill Oriented Course **"MEAN Stack Technologies Module 1"** as per JNTUK syllabus.

OUTCOMES

Participants will be able to

- ❖ Develop professional web pages using HTML elements and CSS Styles.
- ❖ Utilize JavaScript for developing interactive HTML web pages and validate form data.
- ❖ Build a basic web server using Node.js and also working with Node Package Manager (NPM).
- ❖ Build a web server using Express.js
- ❖ Make use of Typescript to optimize JavaScript code by using the concept of strict type checking.
- ❖ Build static web pages using HTML 5 elements.
- ❖ Apply JavaScript for web pages interface and Client side validations.
- ❖ Build a basic web server using Node.js, work with Node Package Manager (NPM) and recognize the need for Express.js.
- ❖ Develop JavaScript applications using typescript and work with document database using MongoDB.
- ❖ Utilize Angular JS to design dynamic and responsive web pages.

RESOURCE PERSON

Sri. Sanjay Deorari
Specialist-Learning, ETA, Infosys Ltd.

PROGRAM DURATION

Dates: 01-03-2023 to 07-03-2023 (On Weekdays)

Time: 9:30 A.M. – 5:00 P.M.

Key points to be noted:

- **This is an online Course**
- This programme will be held in **three sessions** of **one-week** duration spanning across **three months** with one-month gap between sessions.
  - o **Session 1: JavaScript (understanding of HTML is a pre requisite)**
  - o **Session 2: Node.js, Express.js and MongoDB**
  - o **Session 3**: **Angular.js**
- This is the **first session** in the three session series.
- The participants should attend the remaining two sessions without fail.
- **No new enrolments** will be allowed for the remaining two sessions.
- Limited Registrations (Selection will be on First Come First Serve basis)
- No Registration Fees

Online Registration form:

https://forms.gle/xZp3HaZzVuu9koo48

Last date for online registration: 24-02-2023

CONTACT DETAILS

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