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	Mr. U. Sairam Asst. Professor, Dept. of IT.
	Mr.N. Shiva Kumar Asst. Professor, Dept. of IT.

Registration Link

URL: https://forms.gle/tb1QTHnxKsiZSFxK6

Last Date for Registration: 30th January 2024

Registration Fee

Rs. 200/- per participant

Address For Communication

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

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A One Week
National Level Faculty Development Program
on
Big Data Analytics With Spark

1st February - 06th February 2024

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About the College

CBIT is one of the premier Engineering Institutes in India, pioneer in Telangana State, which is at idyllic surroundings of Hyderabad. The college offers Nine UG and Eleven PG programs. It has been standing as a temple of knowledge for the past 45 years by producing more than 25,000 eminent and skillfull graduate engineers, who are successful in their careers, serving all over the globe.The Institute has been accredited by NAAC – UGC with 'A++' Grade and various programs are accredited by NBA – AICTE. The institution is UGC autonomous since 2013-14. Stringent academic standards, industry compliant teaching methodology, research projects from private and public sector organizations and consultancy practice enabled the Institute to establish it's identity in the Technical Education and is ranked as one of the best amongst the private engineering colleges.

About the Department

The Department of Information Technology at our institution has a rich history, commencing the BE (IT) Programme in the academic year 2000-01 with an initial intake of 60 students. Over the years, we have witnessed remarkable growth, to 180 from 2018- 2019. The undergraduate program has garnered accreditation from the National Board of Accreditation (NBA) four times, in 2008, 2012, 2017, and 2022, attesting to our commitment to maintaining high academic standards.Our Department is on a mission to provide cutting edge, value-based education in the field of Information Technology. Boasting a team of 18 Ph.D. faculties, we blend strong academic programs with both theoretical and practical knowledge to align with the dynamic needs of the industry. Our teaching-learning approach is designed to impart not just knowledge but also instill desirable behavior and skills, nurturing a comprehensive learning range in our students. The success of our students speaks volumes about the quality of education imparted here. Many have secured positions in renowned multinational corporations through campus recruitments and are excelling in their professional careers. As we continue to evolve and innovate, the Department of Information Technology remains dedicated to shaping future IT professionals who are well equipped to meet industry challenges and contribute meaningfully to the ever-evolving field of technology. Our faculty contributes significantly to academic advancements, publishing in international and national journals, ensuring students benefit from the latest knowledge and practical insights beyond the classroom.

About the FDP

Embark on a transformative learning experience with our workshop on Big Data Analytics featuring Apache Spark. Designed for both beginners and intermediate professionals, this hands-on session delves into the essentials of Spark, from its architecture to real-time data processing and machine learning applications. Participants will not only grasp the theoretical foundations but also engage in practical projects, ensuring a seamless transition from concepts to real world applications. Elevate your analytical skills and gain proficiency in Apache Spark, empowering yourself to navigate the complexities of Big Data with confidence. Join us for a dynamic workshop that promises to revolutionize your approach to data analytics.

Objectives

- The primary objective of the workshop is to provide participants with a comprehensive understanding of Big Data Analytics using Apache Spark.
- The workshop aims to equip participants with essential skills and knowledge to effectively manipulate, process, and analyse large datasets through a combination of theoretical sessions and hands-on projects, participants will gain practical experience in utilising Spark for various data analytics tasks.

Emerging Areas to be covered

- Introduction to Big Data Analytics Apache Spark Fundamentals Data.
- Manipulation and Transformation with Spark & Spark SQL Data Processing with Spark Streaming.
- Machine Learning with Spark MLlib Hands-on Projects and Use Cases.

Outcome

- By the end of the workshop, participants should be able to: Understand the principles and challenges of Big Data Analytics.
- Proficiently use Apache Spark for data manipulation, transformation, and analysis.
- Implement real-time data processing using Spark Streaming.
- Apply machine learning techniques to solve data-driven problems with Spark MLlib.

Intended Participants

Faculty/Industry Personnel/Ph.D. scholars/PG students

Resource Persons

Girish H.S
President
Mixika Technologies Pvt.Ltd.,

Vinod Kumar Reddy
Enterprise Architect
Mixika Technologies Pvt.Ltd.,

K. Gangadhara Rao,
Assistant Professor & FDP Coordinator
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