

CSMSS
**Chh. Shahu College of
Engineering Aurangabad**
Organizes
**AICTE- ISTE SPONSORED SIX
DAYS REFRESHER PROGRAM**
ON
**“DATA SCIENCE & BLOCK
CHAIN”**

3rd Jan 2022 – 8th Jan 2022

Organized by:

**Center for Technical Skills and
Entrepreneurship**

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CSMSS, CSCOE, Aurangabad (M.S)

Phone no: 0240 6646 351

www.csmssengg.org

ABOUT INSTITUTE

Chh. Shahu Maharaj Shikshan Sanstha's, Chh. Shahu College of Engineering, Kanchanwadi, Aurangabad is one of the excellent academic institute established in Year 2013, Approved by AICTE New Delhi, DTE (Govt. Of Maharashtra) & Affiliated to Dr. Babasaheb .Ambedkar Technological University (DBATU) Lonere, imparting practical oriented, value based education in Aurangabad, having core branches as Artificial Intelligence & Data Science, Mechanical, Electrical, Civil, Electronics & Tele-Communication & Computer Science and Engineering. Institute's salient features include excellent infrastructural facilities, well equipped workshop, laboratories, state of the art library, experienced & devoted staff. Within a short span of time CSMSS Chh. Shahu COE is ranked among Top engineering colleges in the university. Institute is associated with various Professional groups & industries like AWS Academy, CISCO Academy, Celonis Academy, IIT Bombay (Nodal Centre – Spoken Tutorial Project), Red Hat (Certified Learning Centre). We have established eYantra Robotics Laboratory and known as IIT Bombay's Nodal Center for training to teachers on Robotics. Center of “Technical Skills and Entrepreneurship” is the new feather in the cap of Institute, which imparts Industry Ready Programs to students. CTSE has received grants to conduct “Entrepreneurship Awareness Camps” from DST-NIMAT Project 2015-16, (NSTEDB) Govt. of India, New Delhi through Entrepreneurship Development Institute of India, Ahmedabad.

ABOUT CTSE

Center for Technical Skills and Entrepreneurship (CTSE) is started in July 2015, under the guidance of Hon. Principal, Dr. Ulhas B Shinde, who believes along with technical and soft skills, entrepreneurship development is the need of time. CTSE imparts Industry Ready Programs designed in consultation with industries as per the requirement of industry. The IRP course duration ranges from 15 Days to 3 Months. CTSE is aiming to train 1000+ students every year and providing placement to these students.

ABOUT AICTE

All India Council for Technical Education (AICTE) was setup in November 1945 as a national-level Apex Advisory Body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner. All India Statutory Council for Technical Education (AICTE) attained the statutory status in the year 1987 under the AICTE Act. As per the National Policy of Education (1986),

ABOUT ISTE

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System.

PROGRAMME OBJECTIVES

This FDP offers a hands-on training covering relevant topics in Data Science and the wider Blockchain.

PROGRAMME CONTENTS

The major contents of the course will cover the following.

- Current market data science implementations and how businesses are utilizing Data science
- Overview on ML and tools used in current market for ML
- Machine Learning & Block chain a deadly Combination
- Bitcoin fundamentals & mining, Crypto Assets.
- Ethereum and Smart Contracts.
- Blockchain in Healthcare.
- Other usecases in Blockchain

RESOURCE PERSONS

- Er Suresh Shakkarwar, Executive Vice President, Findability Sciences, USA.
- Dr Shyam Lal, Asst Prof, Dept of E&C, NIT, Surathkal Karnataka.

- Er Susheel Aakulu, Data Analyst, Infocentric, Australia.
- Er. Mohit Bathla, Principal Consultant, Decentrum, Hyderabad
- Er Prashant Kumar Sahoo, System Engineer, TCS, Hyderabad.
- Prof Satish Ranade, Former GM, Wipro, Pune
- Prof Hrishikesh Khaladkar, Asst Prof , Ferguson College, Pune
- Mr. Natarajan, Analytics Leader, Alchemy-Rx, Chennai.
- Dr Sudharson, Professor, KCT, Coimbatore.
- Dr Lakshman, Professor, HCT, Coimbatore.
- Dr Arun Kumar, Professor, KCET, Coimbatore.
- Er Ganesh Anantwar, Asst Vice President, JP Morgan Chase. Pune
- Er Gaurav Somwanshi, CEO, Emertech Innovations, Mumbai.
- Dr. Venugopala Krishna, HOD, Perception & AI, ADAS Continental Automotive India, Bangalore

REGISTRATION

- **Registration is FREE**
- Interested participants are requested to fill the link given below.
[Click Here to Register](#)

Registration limited to 100 participants (Preference will be given to ISTE Members) The E-Certificates will be issued to only those participants who attend the program with minimum 80% attendance and Score minimum 60% marks in the tests, both daily and final.

IMPORTANT DATES

Last Date of Registration	24th Dec 2021
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For More Details Contact:
Prof . Sathya Praveen D
HOD CTSE, CSMSS CSCOE, Aurangabad
(Mobile: 9164531299)



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Program Schedule

Day 1	Time	Topic	Resource Person
03/01/2022 (Monday)	10:00 AM to 11:00 AM	Inauguration by : Er Suresh Shakkarwar, Executive Vice President & Head of Products, Findability Sciences, India.	
	11:00 AM to 12.30 PM	Introduction To Data Science.	Er Mohanraj Balakrishnan, Lead Data Scientist, Wavicle Data Solutions, Coimbatore.
	12.30 PM to 1.30 PM	LUNCH BREAK	
	1.30 PM to 3.00 PM	Applications of Deep Learning Architectures	Dr Shyam Lal, Assistant Professor (Senior Grade, Dept of E&C, NIT, Surathkal, Karnataka.
	3.00 PM to 4.30 PM	Theory of Data Science & its Applications	Mr. Satish Ranade, Former GM, Wipro.



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Day 2	Time	Topic	Resource Person
04/01/2022 (Tuesday)	10:30 AM to 12.30 PM	How Businesses are utilizing Data Science & Overview on Machine learning and Tools used in current market for ML.	Er Susheel Aakulu, Technical Director at SK DeepTech, Data Analyst at Infocentric, Australia.
	12.30 PM to 1.30 PM	LUNCH BREAK	
	1.30 PM to 3.00 PM	Identification of Machine Learning Techniques for Analyzing Customers Churn.	Prof Hrishikesh Khaladkar, Asst Prof , Ferguson College, Pune
	3.00 PM to 4.30 PM	How Machine Learning helps in Assisted and Automated Driving.	Dr Venugopala Krishna, HOD, Perception & AI, PL Cruising, ADAS, Continental Automotive India Pvt Ltd, Bangalore



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Day 3	Time	Topic	Resource Person
05/01/2022 (Wednesday)	10:30 AM to 12.30 PM	Codeless Data Science in Medical Datasets & Automobile Datasets.	Dr Sudharson, Assistant Professor & Data Engineer, Kumaraguru College of Technology, Coimbatore
	12.30 PM to 1.30 PM	LUNCH BREAK	
	1.30 PM to 3.00 PM	Introduction to Business Analysis.	Mr. Natarajan S, Senior Manager, Alchemy-Rx, Chennai.
	3.00 PM to 4.30 PM	How to Manage Stress by Doing Pranayama & Meditation, Awareness about Mudras.	Dr Uttam Kalwane. (Yoga, Pranayama and Dhyana Teacher and Prant Up-Pradhan of Maharashtra Prant, Bhartiya Yog Sansthan, Professor, Dept. of Civil Engineering, MIT, Aurangabad.



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Program Schedule

Day 4	Time	Topic	Resource Person
06/01/2022 (Thursday)	10:30 AM to 12.30 PM	Introduction to Block Chain & How Block Chain technologies will create a greater impact.	Dr Arun Kumar, Associate Professor, Dept of CSE, Sri Krishna College of Engineering & Technology, Coimbatore
	12.30 PM to 1.30 PM	LUNCH BREAK	
	1.30 PM to 3.00 PM	Bitcoin Fundamentals, Crypto Assets, Decentralised Finance (DeFi)	Er. Mohit Bathla, Co Founder & Principal Consultant, Decentrum, Hyderabad.
	3.00 PM to 4.30 PM	Block Chain & Its Broad Use Cases.	Er Gaurav Somwanshi, CEO, Emertech Innovations, Mumbai.



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Program Schedule

Day 5	Time	Topic	Resource Person
07/01/2022 (Friday)	10:30 AM to 12.30 PM	Future of Cryptocurrency, Ethereum and Smart Contracts.	Er Prashant Kumar Sahoo, System Engineer, TCS, Hyderabad.
	12.30 PM to 1.30 PM	LUNCH BREAK	
	1.30 PM to 3.00 PM	Practical Session on Ethereum.	Er Prashant Kumar Sahoo, System Engineer, TCS, Hyderabad.
	3.00 PM to 4.30 PM	Blockchain in Healthcare Industry	Dr R.Lakshmana Kumar, Head-Center of Excellence for AI&ML, Hindustan College of Engineering & Technology, Coimbatore



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Program Schedule

Day 6	Time	Topic	Resource Person
08/01/2022 (Saturday)	10:30 AM to 12.30 PM	Creation of Custom Coin (My Coin) using ERC20 Standard	Er Ganesh Anantwar, Asst Vice President, JP Morgan Chase, Mumbai.
	12.30 PM to 1.00 PM	LUNCH BREAK	
	1.00 PM to 3.00 PM	Building a decentralized application (DApp) for Sending/ Receiving Mycoin	Er Ganesh Anantwar, Asst Vice President, JP Morgan Chase, Mumbai
	3.00 PM to 4.30 PM	Awareness on New National Education Policy 2020	Dr Sunil Bhirud, Professor, Dept of CSE, VJTI, Mumbai.
	4.30 PM to 5.00 PM	Valedictory Function	