

REPORT

on

Two-day Event

:

"Stacks Full-Stack Blockchain Bootcamp"

Date : 25th – 26th July, 2025



Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...

Organized by

School of Engineering and Technology, Bhubaneswar

in collaboration with

Rise In

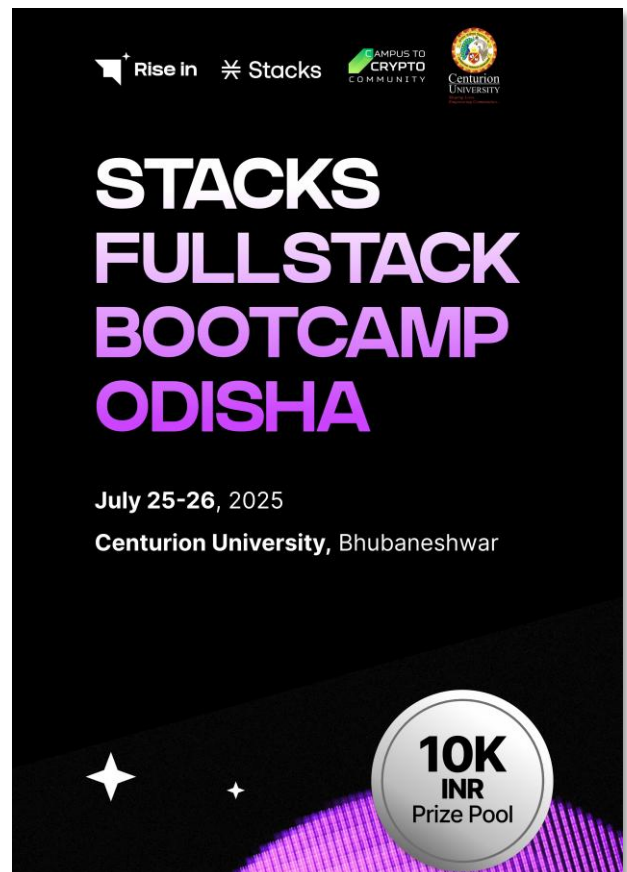
**Centurion University of Technology and Management,
Odisha, India**

Introduction :

The School of Engineering and Technology (SoET), Centurion University of Technology and Management (CUTM), Bhubaneswar Campus, successfully organized a “**2-Day Stacks Full-Stack Blockchain Bootcamp**” in collaboration with **Rise In**, a community-driven Web3 learning platform. The event was conducted on **25th and 26th July 2025** in **Hall-6**, CUTM Bhubaneswar. This bootcamp focused on **Blockchain** and **Web3 technologies**, providing students hands-on experience in full-stack decentralized application (DApp) development using the **Stacks blockchain** and the **Clarity smart contract language**. The bootcamp witnessed active participation from SoET students of Bhubaneswar and Paralakhemundi campuses, along with learners passionate about Web3 and blockchain development. The sessions were conducted by **Mr. Aryan Bramhane**, a renowned **developer** and blockchain **educator**, who guided participants through both foundational concepts and practical implementations. The program featured **technical lectures, hands-on coding sessions, a mini hackathon, and a quiz competition** with exciting rewards. This initiative created an engaging environment that encouraged innovation, collaboration, and a deeper understanding of **next-generation decentralized technologies**.

Objectives :

- **To introduce students to blockchain and Web3 technologies using the Stacks ecosystem.**
- **To provide hands-on training with Clarity smart contracts and DApp development.**
- **To foster practical problem-solving and coding skills through guided sessions and hackathon activities.**
- **To encourage innovation and curiosity about the decentralized internet and its applications.**
- **To create awareness of industry practices and motivate students to explore future careers in blockchain and Web3.**



Key Activities :

The bootcamp spanned two intensive days, combining lectures, interactive sessions, and practical exercises to ensure comprehensive learning. Participants were guided step by step from basic blockchain concepts to hands-on DApp development, allowing them to connect theory with real-world applications. The schedule was carefully designed to keep learners engaged, with each session building on the previous one for maximum impact.

Day 1 – Foundations of Stacks and Web3

The event began with a warm welcome and inaugural session led by **Prof. (Dr.) Sujata Chakravarty**, Dean of SoET, and **Mr. Abhi Mitra**, Blockchain Faculty & Coordinator, CUTM. **Mr. Aryan Bramhane**, the guest speaker, was felicitated with a photo frame as a token of appreciation. The first technical session introduced the **Stacks blockchain**, the **Web3 ecosystem**, and Clarity smart contracts. Participants learned to create and connect Leather Wallets and explored how smart contracts interact with **DApps**.

Day 2 – Hands-On Development and Hackathon

The second day focused on **full-stack DApp development**, starting with backend smart contract integration and moving to frontend connection and wallet interaction. Although participants faced challenges in fully deploying their **DApps**, the real coding experience was invaluable. A mini **hackathon** encouraged participants to apply their knowledge creatively, and a **quiz** competition added excitement, testing concepts learned across both days. **Top 10 performers** were rewarded with **Rise In and Stacks T-shirts**, boosting enthusiasm.

The bootcamp concluded with a group photo session, reflections from the participants, and distribution of participation certificates, leaving students motivated to continue exploring **blockchain** and **Web3 development**.

Key Highlights :

- **Hands-On Web3 Experience:** Participants worked directly with Clarity smart contracts, Leather Wallets, and full-stack DApp development.
- **Mini Hackathon & Quiz:** Engaging competitions encouraged creativity, reinforced learning, and rewarded the Top 10 performers.
- **Expert-Led Training:** Mr. Aryan Bramhane delivered practical insights and mentored students throughout the two-day program.

- **Cross-Campus Collaboration:** Students from SoET Bhubaneswar and Paralakhemundi campuses worked together, fostering teamwork and peer learning.
- **Industry-Academia Linkage:** Collaboration with Rise In exposed participants to real-world Web3 practices and career pathways.

Key Outcomes :

- **Practical Skill Development:** Students gained hands-on exposure to blockchain tools, smart contracts, and DApp deployment.
- **Innovation & Problem-Solving:** Hackathon sessions encouraged participants to think creatively and design real-world decentralized solutions.
- **Enhanced Collaboration:** Group activities and discussions built teamwork and knowledge-sharing skills.
- **Increased Awareness of Web3:** Participants understood career prospects, industry use-cases, and the potential of decentralized technologies.
- **Motivation for Continued Learning:** The experience sparked curiosity to pursue further projects, certifications, and internships in blockchain.

Future Scope :

This **bootcamp** has laid a strong foundation for expanding **Web3** initiatives at **CUTM**. Future programs will focus on **advanced blockchain development, smart contract audits, decentralized finance (DeFi) applications, and NFT-based projects**. The **mini hackathon** ideas can be further developed into real-world prototypes or startup ventures through mentorship and incubation support at **CUTM**. Collaboration with **Rise In** and other industry partners will continue, providing students with opportunities for internships, certifications, and global community engagement in blockchain. Plans are also in place to organize annual inter-campus blockchain challenges, inviting participants from all **CUTM** campuses and other institutions, fostering healthy competition and collaborative innovation. With the growing adoption of **Web3 technologies** in sectors like finance, supply chain, and agriculture, such bootcamps will ensure **CUTM** students remain at the forefront of emerging tech skills and industry readiness.

Feedback from Participants:

Participants expressed great enthusiasm and satisfaction with the **bootcamp**. Many shared that this was their first real experience with **blockchain** and **Web3**, and the hands-on sessions made the learning practical and engaging. The **quiz** and **mini hackathon** were particularly enjoyable, helping reinforce technical concepts in a fun and competitive way. **Students** from **Paralakhemundi** campus **appreciated** the collaborative environment at Bhubaneswar and valued direct mentorship from the expert speaker. Participants also highlighted that, despite facing challenges in full **DApp** deployment, the experience built confidence and inspired them to continue exploring blockchain development. Several attendees expressed interest in **future**, longer-duration **bootcamps** with more advanced **projects** and **industry exposure**.

Acknowledgements :

We extend our heartfelt gratitude to the School of Engineering and Technology (SoET), CUTM Bhubaneswar Campus, for hosting this enriching bootcamp. Special thanks to **Rise In** for their collaboration and **Mr. Aryan Bramhane** for his expert guidance and mentorship. We also acknowledge **Prof. (Dr.) Sujata Chakravarty**, Dean SoET, for her inspiring support, and all **faculty members**, **student volunteers**, and **technical teams** for their efforts in smooth event execution. A SPECIAL THANKS to **Mr. Abhi Mitra**, Event Coordinator and Blockchain Faculty, for his exceptional dedication and leadership, which ensured the success of this **2-day bootcamp**. Finally, we appreciate the participants from **Bhubaneswar** and **Paralakhemundi** campuses for their active involvement, which made the event a memorable and impactful learning experience.

Glimpses of the Event :





