



Learn Beyond

**KPR Institute of Engineering and Technology**

(Autonomous, NAAC "A")

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**CS002**

**NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)

**SMART CONTRACTS IN BLOCKCHAIN**

<b>Event No</b>	CS002
<b>Organizing Department</b>	Computer Science and Engineering
<b>Associate Dept.   NSC</b>	Computer Science and Engineering
<b>Date</b>	13/02/2024
<b>Time</b>	01:30 PM to 03:00 PM
<b>Event Type</b>	Guest Lecture
<b>Event Level</b>	Dept. Level
<b>Meeting Medium</b>	
<b>Meeting Link</b>	<a href="https://meet.google.com/ith-rhra-cnw">https://meet.google.com/ith-rhra-cnw</a>
<b>Total Participants</b>	37
<b>Faculty - Internal</b>	2
<b>Students - Internal</b>	35

Related SDG



Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr Senthil Prakash	Assistant Professor	Vellore institute of technology	senthilprakash.pn@vit.ac.in	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Geetha S K	Coordinator
2	Jeevitha R	Coordinator

Outcome

**Enhanced Understanding:** Attendees left with a comprehensive understanding of smart contracts, including their underlying principles, functionalities, and advantages over traditional contract systems.  
**Practical Applications:** Through real-world case studies and interactive discussions, participants gained insights into the diverse applications of smart contracts across industries such as finance, supply chain management, healthcare, and real estate.  
**Improved Efficiency:** Attendees learned how smart contracts streamline processes, automate tasks, and reduce the need for intermediaries, leading to significant improvements in operational efficiency and cost savings for businesses.  
**Heightened Security:** By exploring the security features of blockchain technology and smart contracts, attendees gained confidence in the integrity and immutability of digital transactions, mitigating the risks associated with fraud and tampering.  
**Regulatory Awareness:** The event provided valuable insights into the evolving regulatory landscape surrounding smart contracts and blockchain technology, empowering attendees to navigate legal frameworks and compliance requirements effectively.

Event Summary

The programme was organized by the Computer Science and Engineering Department to set a platform for students of KPRIET to enlighten them in blockchain technology. The programme commenced with an introduction to chief guest, Dr. Senthil Prakash, Assistant professor, Vellore institute of technology, the duration of the lecture is Two hours 30 minutes. The lecture began with an exploration of the foundational concepts of blockchain technology, starting with an in-depth look at the Bitcoin protocol. Participants learned about the decentralized nature of blockchain, The seminar included a hands-on session where participants were familiarized with Solidity programming, the language used for writing smart contracts on the Ethereum blockchain. Through a combination of theoretical explanations and practical exercises, participants learned to write and deploy simple smart contracts. A total of 35 participants attended the session and provided overwhelmingly positive feedback. Participants appreciated the clarity of explanations provided by the resource person and found the hands-on session particularly valuable in enhancing their understanding of Solidity programming and smart contracts. Overall, the lecture provided participants with a solid foundation in blockchain technology, with a focus on smart contracts. Through theoretical discussions, practical

exercises, and interactive sessions, participants gained valuable insights and skills that will empower them to explore the potential of blockchain technology in their future endeavors.

The poster includes the following text: **Guest Lecture on Smart contracts in Blockchain**. **Resource Person: Dr Senthil Prakash P N**, Assistant Professor (Sr-01), Vellore Institute of Technology - Chennai. **Time:** 02:00 PM - 04:00 PM. **Date:** 14/02/2024. **Location:** AR VR SPECIAL LAB - CSE. **CONVENOR:** Dr. Devi Priya R, HoD / CSE. **Event Coordinators:** Ms. Geetha S K, AP(Sr.) / CSE; Ms. Jeevitha R, AP / CSE. Logos for KPR Institute of Engineering and Technology, Department of Computer Science and Engineering, and Great Place To Work Certified are present.

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