SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

A

Report on

Student Workshop of

"Blockchain and Smart Contracts"

15th -22nd April 2024

Organized by

Department of Information Technology

In Technical Association with

IEEE Computer Society

Submitted by:

Ms. Ritu Shukla & Mr. Vipin Jain

Coordinator-Associate Professor, Department of Information Technology, SKIT

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

Index

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

- ## About workshop: Blockchain and Smart Contracts

1. Blockchain and smart contracts represent two revolutionary technologies that have reshaped the landscape of various industries, particularly finance and decentralized applications. Let's delve into each concept individually before exploring their synergies.

2. Firstly, blockchain technology is a distributed ledger system that enables the secure recording and sharing of data across a network of computers. Each block in the chain contains a cryptographic hash of the previous block, timestamped transaction data, and is immutable once added. This ensures transparency, security, and decentralization, as there is no single point of control or failure. Blockchain has gained prominence primarily through its association with cryptocurrencies like Bitcoin and Ethereum, but its applications extend far beyond digital currencies.

3. On the other hand, smart contracts are self-executing contracts with the terms of the agreement directly written into code. These contracts automatically execute and enforce the terms when predefined conditions are met. Smart contracts run on blockchain networks, leveraging the technology's security and decentralization to ensure tamper-proof execution. They eliminate the need for intermediaries, reducing costs and streamlining processes in various sectors such as finance, supply chain management, real estate, and more.

4. When combined, blockchain and smart contracts create a powerful framework for building decentralized applications (DApps) and enabling new business models. Here's how they complement each other:

➢ **Trust and Transparency:** Blockchain provides a transparent and immutable ledger, ensuring that all transactions and contract executions are verifiable and tamper-proof. This transparency builds trust among parties involved in smart contract transactions.

➢ **Security:** Blockchain's decentralized architecture makes it highly secure against tampering and fraud. Smart contracts, being executed on blockchain networks, inherit this security, making them

resistant to censorship and unauthorized modifications.

➢ **Automation:** Smart contracts automate the execution of agreements, eliminating the need for intermediaries and reducing the potential for human error. This automation streamlines processes, accelerates transactions, and lowers operational costs.

➢ **Decentralization:** Both blockchain and smart contracts operate in a decentralized manner, removing the need for a central authority to oversee transactions or enforce agreements. This decentralization fosters inclusivity, resilience, and censorship resistance.

➢ **Tokenization and Token Economy**: Blockchain facilitates the creation and management of digital assets through tokenization. Smart contracts enable the implementation of token economies, where tokens represent ownership, voting rights, or access to services within decentralized networks.

➢ **Complex Use Cases:** Together, blockchain and smart contracts enable complex use cases such as decentralized finance (DeFi), non-fungible tokens (NFTs), supply chain traceability, voting systems, and more. These applications leverage the security, transparency, and automation provided by the combination of these technologies.

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

- ## About IEEE:-

The IEEE Computer Society (IEEE CS) is the premier source for information, inspiration, and collaboration in computer science and engineering. Connecting members worldwide, the IEEE Computer Society empowers the people who advance technology by delivering tools for individuals at all stages of their professional careers.

IEEE CS's trusted resources include SWEBOK, continuous learning opportunities, a robust digital library, international conferences, peer-reviewed publications, and globally recognized standards.

All activities of IEEE CS are supported in India, including the starting of IEEE Computer Society student Chapters, IEEE CS conferences, organizing student workshops and faculty development programs, and promoting IEEE CS offerings. Key offerings include SWEBOK, the Computer Society Digital Library, and custom newsletters.

- ## About SKIT:-

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), inspired from the learning's of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. Today, the Institute is recognized as one of the centres of academic excellence in Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Ph. D., Postgraduate and Graduate Courses in Engineering and Management.

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

Located in the Pink City Jaipur, which is a blend of traditional history and modern

outlook, SKIT is putting in efforts for making industry ready engineers and managers through effective Industry –Institute Interface. Apart from University curriculum, SKIT also pursues activities for research and development in various fields.

The green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants make the environment serene, pleasant and dynamic.

Students joining the institute share the box full of opportunities for professional and personal development through an environment of practical orientation, industrial interaction and student led activities which help the students to develop good communication skills, integrated personality and greater competitive spirit.

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

Our Inspiration

"Mass illiteracy is the root cause behind backwardness of India. If we want speedy progress of nation we need to root it out as early as possible."

– Swami Keshvanand

Swami Keshvanand, an orphan, illiterate, nomadic man who never received formal education, was the founder of more than 300 schools, 50 hostels and innumerable libraries, social service centers and museums. Swami Keshvanand had a deep understanding of the rural society of the desert region. He had explained the peculiarities of the desert region, identified the problems and suggested appropriate and logical solutions. It was Swami Keshvanand lifelong endeavour to eradicate social evils like untouchability, child marriage, indebtedness, poverty, backwardness, alcohol abuse, moral dissipation etc.

Vision

V1: To promote higher learning in advanced technology, management skills and industrial research to make our country a global player

Mission

To promote quality education, training and research in the field of engineering & management by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students

Quality Policy

We are committed to 'achievement of quality' as an integral part of our institutional policy by continuous self-evaluation and striving to improve ourselves.

Institute would pursue quality in

●   All its endeavours like admissions, teaching- learning processes, examinations, extra

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

and co-curricular activities, industry institution interaction, research & development, continuing education, and consultancy.

- Functional areas like teaching departments, Training & Placement Cell, library, administrative office, accounts office, hostels, canteen, security services, transport, maintenance section and all other services."

- **Department of Information Technology:-**

Vision
V1: To design and deliver intelligent IT industry oriented education.

Mission:
To prepare students to meet the need of users within an organizational and societal context through:
M1: Selection, creation, application, integration and administration of computing technologies.
M2: Delivering student resource in the IT enabled domain**.**

- **Invitation to The Experts:-**

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

Conducting 5 Days SDP on Blockchain External Inbox

Saurabh Bhardwaj Apr 3
Dear Ma'am, As per our discussion, we would like to conduct a skill development program of 5 days

2

Ritu Shukla Apr 11
to Saurabh

Dear Saurabh,

Kindly confirm the workshop from 15th to 20th April, it can be extended to 21st (in case of 19th holiday) .
The trainer will cover the content shared by me within 5 days.This workshop will be conducted at SKIT in association with IEEE Computer Society.
Timings: 8:00 to 12:00p.m
Remuneration: Rs.4000/ day .

Thanks,
Ritu Shukla
Assistant Professor
Department of Information Technology.

● **Experts Details:-**

Name of Expert	Post & Affiliation of Expert
Mr. Bhanu Pratap Chauhan	
Mr. Nitin Singh	

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

● **Committees for the Workshop:-**

ADVISORS:-

- Shri Jaipal Meel, Director, SKIT

- Dr. S.L. Surana, Director (Academics), SKIT

- Mrs. Rachna Meel, Registrar, SKIT

- Dr. Ramesh Kumar Pachar, Principal, SKIT

- Prof. R. K. Jain, Dean, SKIT

- Dr. Anil Chaudhary, HOD (IT), SKIT

Faculty Coordinators:-

- Ms. Ritu Shukla
  Assistant Professor, Department of
  IT,
  Mobile: 9680335929
- Mr. Vipin Jain
  Associate Professor, Department of
  IT,

  Mobile: 9413181727

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

Organising Committee:-

- Mr. Praveen Yadav (Assistant Professor, IT Department)

- Ms. Astha Joshi (Assistant Professor, IT Department)

- Mr. Manoj Raman (Assistant Professor, IT Department)

- Ms. Shalini Singhal (Assistant Professor, IT Department)

Student Coordinators:-

- Kunal Vishnoi, II Sem-IT

- Yatharth Bajaj, II Sem-IT

- Siddhika Mathur , II Sem-IT

Objective of the Workshop:-

Blockchain:

- Immutable Ledger: The primary objective of blockchain is to provide a secure and immutable ledger. Transactions recorded on a blockchain are tamper-resistant and cannot be altered retroactively without consensus from the network participants.

- Decentralization: Blockchain aims to eliminate the need for intermediaries by decentralizing data storage and transaction verification. This enhances transparency, reduces dependency on central authorities, and mitigates the risk of a single point of failure.

- Trust: By employing cryptographic techniques and consensus algorithms, blockchain fosters trust among participants, even in trustless environments where parties may not have prior knowledge or established relationships.

Smart Contracts:

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

- Automated Execution: Smart contracts are self-executing contracts with the terms of the agreement directly written into code. They enable automated execution of predefined actions when specific conditions are met, without the need for intermediaries or manual intervention.

- Transparency and Trustlessness: Smart contracts enhance transparency and trustlessness by executing actions in a deterministic and verifiable manner, eliminating the need for trust in a central authority or counterparties.

- Cost Efficiency: By automating contract execution and removing intermediaries, smart contracts can significantly reduce transaction costs and eliminate inefficiencies associated with traditional contract enforcement.

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

- **Detail Execution:-**
  - To execute a workshop on blockchain and smart contracts effectively, you'll need to plan and structure the event carefully. Here's a detailed outline of how you could organize such a workshop:

  - **Pre-Workshop Preparation:**

1. Define Objectives:
  - - Clearly define the objectives of the workshop, such as understanding blockchain technology, learning about smart contracts, and exploring their potential applications.

2. Audience Analysis:
  - Identify the target audience and their level of expertise in blockchain and smart contracts. Tailor the workshop content accordingly, whether it's aimed at beginners, intermediate learners, or experts.

3. Select Venue and Logistics:
  - Choose a suitable venue equipped with necessary facilities like projectors, whiteboards, and internet access. Arrange for seating, registration desks, and refreshments if needed.

4. Develop Workshop Agenda:
  - Create a detailed agenda outlining the topics to be covered, session durations, breaks, and activities. Ensure a balance between theoretical learning and practical exercises.

5. Prepare Materials:

- Develop presentation slides, handouts, and supplementary materials to support the workshop sessions. Include case studies, examples, and interactive exercises to engage participants.

- **Workshop Agenda:**

- **Introduction to Blockchain Technology (1 Hour)**

- **Overview of Blockchain:**
- Define blockchain, its key features, and how it differs from traditional databases.
- **Blockchain Architecture:**
- Explain the structure of a blockchain, including blocks, nodes, consensus mechanisms,   and cryptographic techniques.
- **Types of Blockchains:**
- Differentiate between public, private, and consortium blockchains, discussing their respective use cases and benefits.

- **Understanding Smart Contracts (1.5 Hours)**

- **What Are Smart Contracts?:**
- Define smart contracts and their role in blockchain ecosystems.
- **Smart Contract Platforms:**
- Introduce popular smart contract platforms such as Ethereum, EOS, and Hyperledger.
- **Writing Smart Contracts:**
- Discuss programming languages used for writing smart contracts (e.g., Solidity), syntax, and common patterns.

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

- **Hands-on Smart Contract Development (2 Hours)**

- **Setting Up Development Environment:**
- Guide participants through setting up a development environment for smart contract programming.

- **Writing and Deploying Smart Contracts:**
- Lead participants through the process of writing a simple smart contract, compiling it, and deploying it onto a test blockchain network.

- **Interacting with Smart Contracts:**
- Demonstrate how to interact with deployed smart contracts using web3 libraries or other tools.

- **Real-world Applications and Use Cases (1 Hour)**

- **Blockchain Applications:**
- Present real-world examples of blockchain applications and use cases across various industries, such as finance, supply chain, healthcare, and identity management.

- **Smart Contract Use Cases:**
- Explore specific use cases where smart contracts can streamline processes, reduce costs, and enhance transparency and trust.

- Q&A and Networking (30 Minutes)

- **Open Discussion:**

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

- Encourage participants to ask questions, share insights, and discuss potential challenges and opportunities related to blockchain and smart contracts.

- **Networking Opportunity:**
- Provide time for participants to network with each other, exchange contact information, and continue discussions beyond the workshop.

- **Post-Workshop Follow-up**:

1. Feedback Collection:
- Gather feedback from participants to evaluate the workshop's effectiveness and identify areas for improvement.

2. Resource Sharing:
- Share additional resources, reading materials, and online tutorials to help participants deepen their understanding of blockchain and smart contracts.

3. Continued Engagement:
- Maintain communication with participants through email newsletters, online forums, or social media groups to foster ongoing learning and collaboration.
- By following this structured approach, you can deliver a comprehensive and engaging workshop on blockchain and smart contracts, empowering participants to grasp the fundamentals and explore their practical applications.

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

- **Notice of the Workshop:-**

Dear Students,

Greetings from the IT Department!

We're thrilled to announce an incredible opportunity for you to explore the world of blockchain technology through an upcoming 5 days workshop.

This workshop aims to deepen your understanding of blockchain fundamentals, explore smart contract applications, and foster practical skills for blockchain development.

- **Mode: Offline**
- **Venue: IAI Lab CS Block**
- **Dates: Starting from April 15ᵗʰ,2024**
- **Time: 8:00 AM to 11:30 AM**
- **Registration: Secure your spot by clicking on the link below:**

Registration Link:- https://forms.gle/StqRuoEC74bt5h5m9

Note: This Student Workshop is limited for only 70 students of IV and VI Semester, IT Branch

Faculty Coordinator:

Ms. Ritu Shukla

Mr. Vipin Jain

Student Coordinator:

Yatharth Bajaj: 92149 05733

Kunal Vishnoi: 87691 77678

Don't miss out on this golden opportunity to delve into the fascinating world of blockchain technology!

14. News of the Inauguration ceremony:-

एसकेआईटी के आईटी विभाग ने 5 दिवसीय ब्लॉकचेन और स्मार्ट कॉन्ट्रैक्ट कार्यशाला का आयोजन

P3 Police Public Politics

जयपुर। स्वामीकेशवानन्द इन्स्टिट्यूट ऑफ़ टेक्नोलॉजी के आईटी विभाग ने आईईईई कंप्यूटर सोसाइटी और लर्न एंड बिल्ड के सहयोग से हाल ही में ब्लॉकचेन और स्मार्ट कॉन्ट्रैक्ट्स पर पांच दिवसीय कार्यशाला का आयोजन किया। कार्यशाला आईटी के एचओडी डॉ अनिल चौधरी और अन्य संकाय सदस्यों के मार्गदर्शन में आयोजित की गई थी। इसमें 70 से अधिक छात्रों ने भाग लिया। प्रशिक्षण का संचालन श्री भानु प्रताप सिंह चौहान द्वारा किया गया, जिन्होंने ब्लॉकचेन प्रौद्योगिकी के विभिन्न पहलुओं में व्यावहारिक अनुभव प्रदान किया। कार्यशाला में ब्लॉकचेन, क्रिप्टोग्राफी और स्मार्ट कॉन्ट्रैक्ट के बुनियादी सिद्धांतों को शामिल किया गया, जिसमें वॉलेट स्थापित करने, स्मार्ट कॉन्ट्रैक्ट बनाने और तैनात करने और एनएफटी के साथ काम करने पर व्यावहारिक सत्र शामिल थे। प्रतिभागियों को विकेंद्रीकृत अनुप्रयोगों (डीएपी), डीएओ और परत 2 समाधान जैसी उन्नत अवधारणाओं से भी परिचित कराया गया। सुश्री रितु शुक्ला और श्री विपिन जैन ने संकाय समन्वयक के रूप में कार्य किया, जबकि श्री प्रवीण यादव, सुश्री आस्था जोशी, श्री मनोज रमन और सुश्री शालिनी सिंघल आयोजन समिति का हिस्सा थे। यह कार्यशाला छात्रों के लिए फायदेमंद थी क्योंकि इसने उन्हें ब्लॉकचेन और क्रिप्टोकरेंसी की दुनिया में मूल्यवान अंतर्दृष्टि प्रदान की, जो आज की डिजिटल अर्थव्यवस्था में तेजी से प्रासंगिक होती जा रही है। इसने छात्रों को वास्तविक दुनिया के परिदृश्यों में सीखने और अपने ज्ञान को लागू करने के लिए एक मंच के रूप में कार्य किया, जिससे उन्हें इस क्षेत्र में भविष्य के करियर के लिए तैयार किया गया।

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

WORKSHOP!

The IT department of SKIT, alongside IEEE Computer Society and LNB (Learn and Build), hosted a successful five-day workshop on Blockchain and Smart Contracts on Monday. Led by Anil Choudhary and faculty members, the event saw active participation from over 70 students. Bhanu Pratap Singh Chouhan conducted the training, offering practical insights into blockchain, cryptography, and smart contracts. Faculty coordinators Ritu Shukla and Vipin Jain, alongside an organising team including Praveen Yadav, Astha Joshi, Manoj Raman, and Shalini Singhal, ensured the smooth execution of the workshop.

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

15. List of Participants:-

Sr. No.	Name	Roll Number	Section
1	Abhijay Sharma	21ESKIT002	6-IT-A
2	Akshita Bhatnagar	21ESKIT012	6-IT-A
3	Aman Jain	21ESKIT013	6-IT-A
4	Avantika Bansal	21ESKIT025	6-IT-A
5	Chinmay Bhatnagar	21ESKIT035	6-IT-A
6	DEEPESH CHOUDHARY	21ESKIT039	6-IT-A
7	Dhruv Sharma	21ESKIT042	6-IT-A
8	Garvit Mathodia	21ESKIT048	6-IT-A
9	Kartikey Sharma	21ESKIT060	6-IT-A
10	Sachin kumar	21ESKIT098	6-IT-B
11	Samyak Jain	21ESKIT102	6-IT-B
12	virendra Yadav	21ESKIT116	6-IT-B
13	Vishva Yash Pandey	21ESKIT119	6-IT-B
14	Yash Gupta	21ESKIT124	6-IT-B
15	Aman Soni	21ESKIT301	6-IT-B
16	Tarun Saini	21ESKIT305	6-IT-B
17	Sahil Kumar Choudhary	21ESKIT306	6-IT-B
18	Garvit khandelwal	21ESKIT307	6-IT-B
19	Aakash Saini	22ESKIT002	4-IT-A
20	Aman Jain	22ESKIT013	4-IT-A
21	Anmol Kumar Gupta	22ESKIT017	4-IT-A
22	Ansh Jain	22ESKIT018	4-IT-A
23	Arushi Pareek	22ESKIT022	4-IT-A
24	Aryan saini	22ESKIT024	4-IT-A

25	Atulya Khandelwal	22ESKIT025	4-IT-A
26	Ayush Jain	22ESKIT026	4-IT-A
27	Bhavya Khairajani	22ESKIT027	4-IT-A
28	Chinmay Mathur	22ESKIT029	4-IT-A
29	Deepak kumar Mishra	22ESKIT031	4-IT-A
30	Gaurav Khandelwal	22ESKIT048	4-IT-A
31	Himanshu Saini	22ESKIT060	4-IT-A
32	Jagrati Pareek	22ESKIT063	4-IT-A
33	KULDEEP SINGH	22ESKIT085	4-IT-B
34	Kunal Vishnoi	22ESKIT086	4-IT-B
35	Mayank Tak	22ESKIT093	4-IT-B
36	Moulik Jindal	22ESKIT096	4-IT-B
37	Nancy Gupta	22ESKIT102	4-IT-B
38	Naveen jangid	22ESKIT103	4-IT-B
39	Nihal Chand Mandhana	22ESKIT104	4-IT-B
40	Pinak Sharma	22ESKIT113	4-IT-B
41	Pratik Patel	22ESKIT120	4-IT-B
42	prerak khunteta	22ESKIT122	4-IT-B
43	Pulkit Aashiya	22ESKIT125	4-IT-B
44	Rahul Saini	22ESKIT129	4-IT-C
45	Rishabh matoliya	22ESKIT132	4-IT-C
46	Rishita panwar	22ESKIT133	4-IT-C
47	Rohit Batra	22ESKIT134	4-IT-C
48	Rupal Sharma	22ESKIT138	4-IT-C
49	Sachin Singh Rawat	22ESKIT140	4-IT-C
50	Sahil Tapariya	22ESKIT141	4-IT-C
51	Saksham Agarwal	22ESKIT143	4-IT-C
52	Samyak patni	22ESKIT145	4-IT-C
53	Sandeep Kumawat	22ESKIT146	4-IT-C
54	Saurabh Kumar	22ESKIT147	4-IT-C

SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

55	Shivam Kaushal	22ESKIT149	4-IT-C
56	Shivansh Khandelwal	22ESKIT151	4-IT-C
57	Shristi agrawal	22ESKIT155	4-IT-C
58	Siddharth Pareek	22ESKIT159	4-IT-C
59	Siddhika Mathur	22ESKIT160	4-IT-C
60	Tanisha Kataria	22ESKIT165	4-IT-C
61	Tanishq Jaiswal	22ESKIT167	4-IT-C
62	Tanmay Kumawat	22ESKIT169	4-IT-C
63	Vaibhav Saxena	22ESKIT177	4-IT-C
64	Varun parmar	22ESKIT179	4-IT-C
65	vishal sharma	22ESKIT185	4-IT-C
66	Yash chhonkar	22ESKIT187	4-IT-C
67	Yash jangid	22ESKIT188	4-IT-C
68	Yatharth Bajaj	22ESKIT191	4-IT-C
69	Avinash jain	22ESKIT307	4-IT-C
70	Nishith Namdev	23ESKIT200	4-IT-C

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

16. Day to Day Attendance Sheet who attend the workshop :-

Sr. No.	Name	Roll Number	Section	15-04-24	16-04-24	18-04-24	20-04-24	22-04-24
1	Abhijay Sharma	22ESKIT002	6-IT-A	P	P	P	P	P
2	Akshita Bhatnagar	21ESKIT012	6-IT-A	P	P	P	P	P
3	Aman Jain	21ESKIT013	6-IT-A	P	P	P	P	P
4	Avantika Bansal	21ESKIT025	6-IT-A	P	P	P	P	P
5	Chinmay Bhatnagar	21ESKIT035	6-IT-A	P	P	p	P	P
6	DEEPESH CHOUDHARY	21ESKIT039	6-IT-A	P	P	P	P	P
7	Dhruv Sharma	21ESKIT042	6-IT-A	P	P	P	P	P
8	Garvit Mathodia	21ESKIT048	6-IT-A	P	P	P	P	P
9	Kartikey Sharma	21ESKIT060	6-IT-A	P	P	P	P	P
10	Sachin kumar	21ESKIT098	6-IT-B	P	P	P	P	P
11	Samyak Jain	21ESKIT102	6-IT-B	P	-----AB-----	P	P	P
12	virendra Yadav	21ESKIT116	6-IT-B	P	P	P	P	P
13	Vishva Yash Pandey	21ESKIT119	6-IT-B	P	P	P	P	P
14	Yash Gupta	21ESKIT124	6-IT-B	P	P	P	P	P
15	Aman Soni	21ESKIT301	6-IT-B	P	P	P	P	P
16	Tarun Saini	21ESKIT305	6-IT-B	P	P	P	P	P
17	Sahil Kumar Choudhary	21ESKIT306	6-IT-B	P	P	P	-----AB-----	-----AB-----
18	Garvit khandelwal	21ESKIT307	6-IT-B	P	P	p	P	P
19	Aakash Saini	22ESKIT002	4-IT-A	P	P	p	P	P
20	Aman Jain	22ESKIT013	4-IT-A	P	P	P	P	P
21	Anmol Kumar Gupta	22ESKIT017	4-IT-A	P	P	P	P	P
22	Ansh Jain	22ESKIT018	4-IT-A	P	P	P	P	P
23	Arushi Pareek	22ESKIT022	4-IT-A	P	P	P	P	P
24	Aryan saini	22ESKIT024	4-IT-A	P	P	-----AB-----	----AB--	-----AB-----
25	Atulya Khandelwal	22ESKIT025	4-IT-A	P	P	P	P	P
26	Ayush Jain	22ESKIT026	4-IT-A	P	P	P	P	P

27	Bhavya Khairajani	22ESKIT027	4-IT-A	P	P	P	P	P
28	Chinmay Mathur	22ESKIT029	4-IT-A	P	P	P	P	P
29	Deepak kumar Mishra	22ESKIT031	4-IT-A	P	P	P	P	P
30	Gaurav Khandelwal	22ESKIT048	4-IT-A	P	P	P	P	P
31	Himanshu Saini	22ESKIT060	4-IT-A	P	P	P	P	P
32	Jagrati Pareek	22ESKIT063	4-IT-A	P	P	P	P	P
33	KULDEEP SINGH	22ESKIT085	4-IT-B	P	P	P	P	P
34	Kunal Vishnoi	22ESKIT086	4-IT-B	P	P	P	P	P
35	Mayank Tak	22ESKIT093	4-IT-B	P	P	-----AB-----	----AB--	-----AB-----
36	Moulik Jindal	22ESKIT096	4-IT-B	P	P	P	P	P
37	Nancy Gupta	22ESKIT102	4-IT-B	P	P	P	P	P
38	Naveen jangid	22ESKIT103	4-IT-B	P	P	P	P	P
39	Nihal Chand Mandhana	22ESKIT104	4-IT-B	P	P	P	P	P
40	Pinak Sharma	22ESKIT113	4-IT-B	P	P	P	P	P
41	Pratik Patel	22ESKIT120	4-IT-B	P	P	-----AB-----	----AB--	-----AB-----
42	prerak khunteta	22ESKIT122	4-IT-B	P	P	P	P	P
43	Pulkit Aashiya	22ESKIT125	4-IT-B	P	P	P	-----AB-----	-----AB-----
44	Rahul Saini	22ESKIT129	4-IT-C	-----AB-----	P	P	P	P
45	Rishabh matoliya	22ESKIT132	4-IT-C	P	P	P	P	P
46	Rishita panwar	22ESKIT133	4-IT-C	P	P	P	P	P
47	Rohit Batra	22ESKIT134	4-IT-C	P	P	P	P	P
48	Rupal Sharma	22ESKIT138	4-IT-C	P	P	P	P	P
49	Sachin Singh Rawat	22ESKIT140	4-IT-C	P	P	P	P	P
50	Sahil Tapariya	22ESKIT141	4-IT-C	P	P	P	P	P
51	Saksham Agarwal	22ESKIT143	4-IT-C	P	P	P	P	P
52	Samyak patni	22ESKIT145	4-IT-C	P	P	P	P	P
53	Sandeep Kumawat	22ESKIT146	4-IT-C	P	P	P	P	P
54	Saurabh Kumar	22ESKIT147	4-IT-C	P	P	P	P	P
55	Shivam Kaushal	22ESKIT149	4-IT-C	P	P	P	P	P

56	Shivansh Khandelwal	22ESKIT151	4-IT-C	P	P	P	P	P
57	Shristi agrawal	22ESKIT155	4-IT-C	P	P	P	P	P
58	Siddharth Pareek	22ESKIT159	4-IT-C	P	P	P	P	P
59	Siddhika Mathur	22ESKIT160	4-IT-C	P	P	P	P	P
60	Tanisha Kataria	22ESKIT165	4-IT-C	P	P	P	P	P
61	Tanishq Jaiswal	22ESKIT167	4-IT-C	P	P	P	P	P
62	Tanmay Kumawat	22ESKIT169	4-IT-C	P	P	P	P	P
63	Vaibhav Saxena	22ESKIT177	4-IT-C	P	P	P	P	P
64	Varun parmar	22ESKIT179	4-IT-C	P	P	P	P	P
65	vishal sharma	22ESKIT185	4-IT-C	P	P	P	P	P
66	Yash chhonkar	22ESKIT187	4-IT-C	P	P	P	P	P
67	Yash jangid	22ESKIT188	4-IT-C	P	P	P	P	P
68	Yatharth Bajaj	22ESKIT191	4-IT-C	P	P	P	P	P
69	Avinash jain	22ESKIT307	4-IT-C	P	P	P	P	P
70	Nishith Namdev	23ESKIT200	4-IT-C	P	P	P	P	P

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

17. Glimpses of the workshop :-
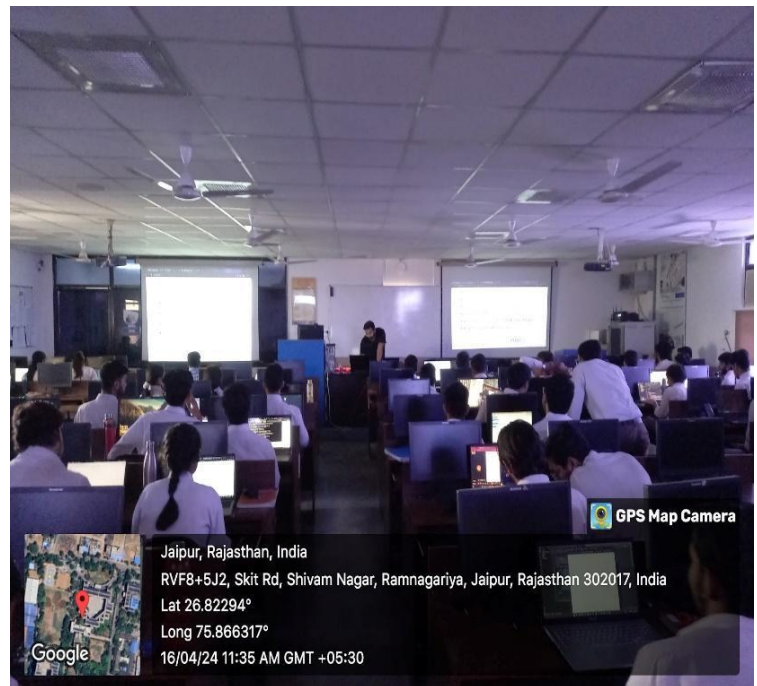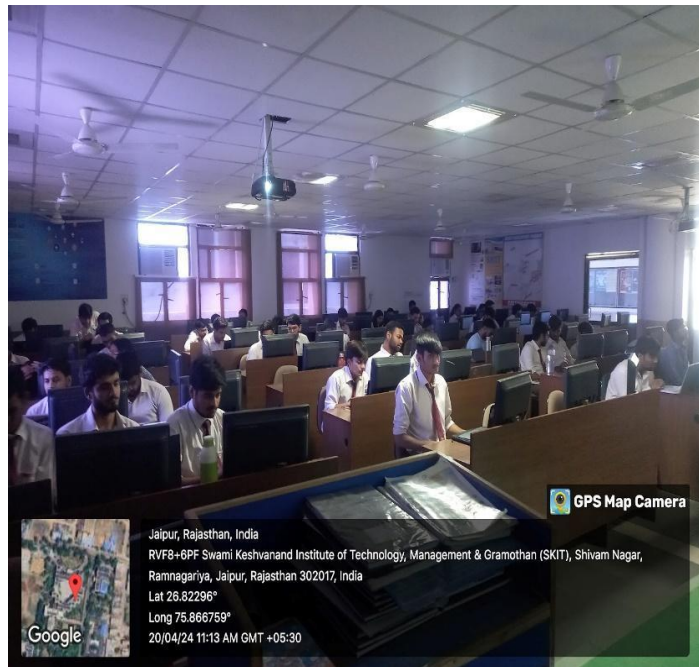
SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

18. Sample copy of the participants certificate

Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur

(Accredited by NAAC with "A++" grade and NBA)

IN TECHNICAL ASSOCIATION WITH

IEEE
computer
society

CERTIFICATE OF PARTICIPATION

THE CERTIFICATE IS PRESENTED TO

<<NAME>>

of <<Year>> Year, <<Branch>> Branch
for participating in a 5-day Student Workshop on "BLOCKCHAIN AND SMART CONTRACTS"
organized by the Department of Information Technology from 15.04.2024 to 20.04.2024.

PRINCIPAL	HOD (IT)	CO-ORDINATOR	CO-ORDINATOR
PROF. (DR.) RAMESH KUMAR PACHAR	**PROF. (DR.) ANIL CHAUDHARY**	**MS. RITU SHUKLA**	**MR. VIPIN JAIN**

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,

Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur

(Accredited by NAAC with "A++" grade and NBA)

IN TECHNICAL ASSOCIATION WITH

IEEE computer society

CERTIFICATE OF PARTICIPATION

THE CERTIFICATE IS PRESENTED TO

Abhijay Sharma

of 3rd Year, IT Branch

for participating in a 5-day Student Workshop on "BLOCKCHAIN AND SMART CONTRACTS" organized by the Department of Information Technology from 15.04.2024 to 20.04.2024.

PRINCIPAL	HOD (IT)	CO-ORDINATOR	CO-ORDINATOR
PROF. (DR.) RAMESH KUMAR PACHAR	PROF. (DR.) ANIL CHAUDHARY	MS. RITU SHUKLA	MR. VIPIN JAIN