Report for AY 2023-24

Information Security and Digital Forensics Club

VISION

To become an impactful club within AIT, dedicated to offering exceptional technical insights and opportunities for members interested in the intersection of cybersecurity, digital forensics and networking. We aspire to be a hub for cutting-edge discussions, fostering a community that contributes to advancements and research in the field

MISSION

Our mission at the AIT Cyber-Security Club is to establish a cyber-secure environment for our community. We strive to build a diverse and inclusive club that is dedicated to the continuous advancement of knowledge in the field. Our primary goal is to promote a culture of digital safety and ethics within the college and the broader community, fostering a sense of responsibility and awareness among our members.

Name of faculty in-charges	
1	Dr. Sagar Rane
2	Prof. Mangesh Hajare
3	Prof. Anjali Hudedamani
Name of Student Secretaries	
1	Pankaj Rai
2	Tejaswani S Kurade
Budget Allocated by Institute	Rs 2 Lacs
Sponsorship received	Rs. 0 Lacs

Name of Activities / Events Conducted		
Sr No.	**Name of activity**	**Type (Inter / Intra college)**
1	Cyber Security Classes	Intra College
2	Hide & Seek	Intra College
3	Love Bytes	Intra College
4	Crackhunt	Intra College
5	Bypass CTF	Inter College
6	Crackhunt: The Ultimate Showdown	Inter College
7	Cyber-security Quiz	Inter College

Reports of all activities/events

CYBER SECURITY CLASSES

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	ISDF Club of AIT (@isdf_ait) • Instagram photos and videos
Academic Year	2023-24
Name of coordinator	Dr. Sagar Rane
Program/Activity/Name	Cybersecurity Classes
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college
Start Date	22/09/2023
End Date	25/09/2023
Mode of event (offline/online)	Offline
Number of Student Participants	70
Number of Faculty Participants	1
Number of External Participants, If any	
Expenditure Amount, If any	Rs 1,500
Objectives of activity (min 2)	1.Security Awareness 2.Problem Solving
Description of activity (50-150 words)	The Club at BCJ Hall conducted its inaugural offline class, providing a comprehensive introduction to cybersecurity and Linux for first-year engineering students. The class commenced with an in-depth presentation on cybersecurity fundamentals, covering key concepts, types of cyber threats, and essential security measures. This was followed by a hands-on session, where students were guided through the step-by-step installation of Linux on their personal laptops, ensuring a thorough understanding of the process and navigation of the Linux interface. The interactive discussions and hands-on approach fostered a collaborative learning environment, with students

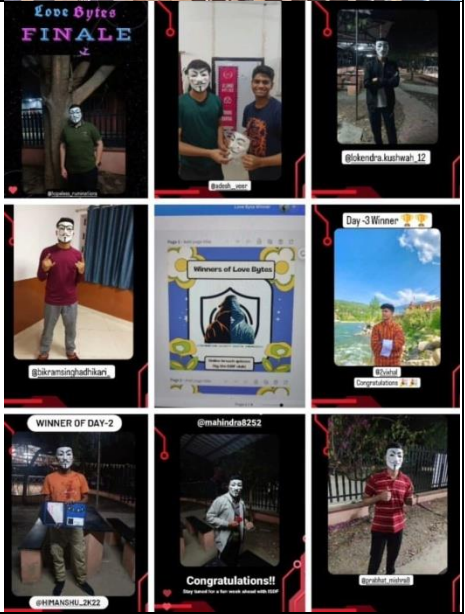|	
	displaying enthusiasm and curiosity throughout the session.
Faculty Name (Faculty involved in organizing event)	Dr. Sagar Rane
Student Name (student involved in organizing event)	Pankaj Rai, Tejaswani S kurade Jatin Pandey , Ankit Sharma
Video URL (optional)	
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	

HIDE & SEEK

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	ISDF Club of AIT (@isdf_ait) • Instagram photos and videos
Academic Year	2023-24
Name of coordinator	Dr. Sagar Rane
Program/Activity/Name	Hide & Seek
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college
Start Date	1st round- 17/11/2023 2nd round - 25/11/2023
End Date	1st round- 19/11/2023 2nd round- 25/11/2023
Mode of event (offline/online)	1st round online/ 2nd offline
Number of Student Participants	100
Number of Faculty Participants	1
Number of External Participants, If any	
Expenditure Amount, If any	Rs 40,000
Objectives of activity (min 2)	1.Security Awareness 2.Problem Solving 3.Competitive Spirit
Description of activity(50-150 words)	The "Hide and Seek" Capture The Flag (CTF) competition is a thrilling cybersecurity challenge where participants play both attacker and defender. In a virtual environment, teams or individuals solve challenges and puzzles to test their skills in web exploitation, binary analysis, cryptography, and network security. The objective is to capture flags by exploiting vulnerabilities while defending your own. The competition is time-limited with real-time scoring and leaderboard updates. Participants gain hands-on experience with real-world cybersecurity challenges, exposure to various topics and tools, and networking opportunities. Top teams or individuals win prizes, including cash awards and cybersecurity tools.
Faculty Name (Faculty involved in organizing event)	Dr. Sagar Rane

Student Name (student involved in organizing event)	Pankaj Rai, Tejaswani S kurade Jatin Pandey , Ankit Sharma
Video URL (optional)	
Geo tagged Photograph1 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Geo tagged Photograph2 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Session plan/Brochure/Document/overall report of the activity **(JPEG or PDF Format max size 2 Mb)**	

Love Bytes

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	ISDF Club of AIT (@isdf_ait) • Instagram photos and videos
Academic Year	2023-24
Name of coordinator	Dr. Saga Rane
Program/Activity/Name	Love Bytes
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college
Start Date	7-02-2024
End Date	14-02-2024
Mode of event (offline/online)	Online
Number of Student Participants	100
Number of Faculty Participants	1
Number of External Participants, If any	
Expenditure Amount, If any	Rs 5000
Objectives of activity (min 2)	1.Security Awareness 2. Ethical Hacking
Description of activity(50-150 words)	"Love Bytes" was an engaging online quiz competition held on Instagram Stories, testing participants' knowledge of cybersecurity and ethical hacking. The event was designed to educate and entertain, with a series of challenging questions and puzzles that simulated real-world cybersecurity scenarios. Participants had to use their skills and knowledge to identify vulnerabilities, decode messages, and outsmart hackers. The quiz was divided into rounds, each focusing on a different aspect of cybersecurity, such as network security, cryptography, and web exploitation. With real-time scoring and leaderboard updates, participants could track their progress and compete with others. "Love Bytes" aimed to raise awareness about cybersecurity and promote ethical hacking practices,

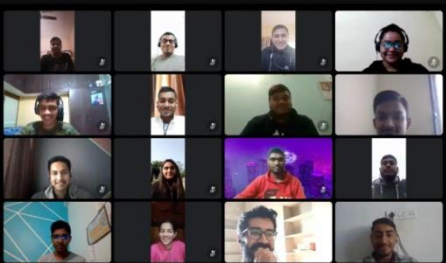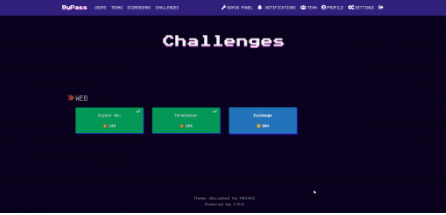|	making it a fun and informative experience for all involved.
Faculty Name (Faculty involved in organizing event)	Dr. Sagar Rane
Student Name (student involved in organizing event)	Pankaj Rai, Tejaswani S kurade Jatin Pandey , Ankit Sharma
Video URL (optional)	
Geo tagged Photograph1 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Geo tagged Photograph2 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Session plan/Brochure/Document/overall report of the activity **(JPEG or PDF Format max size 2 Mb)**	

Crackhunt

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	ISDF Club of AIT (@isdf_ait) • Instagram photos and videos
Academic Year	2023-24
Name of coordinator	Sagar Rane
Program/Activity/Name	Crackhunt
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college
Start Date	16-03-2024
End Date	16-03-2024
Mode of event (offline/online)	Offline
Number of Student Participants	180
Number of Faculty Participants	1
Number of External Participants, If any	0
Expenditure Amount, If any	Rs 18,630
Objectives of activity (min 2)	1.Puzzle Solving 2.Ethical Hacking 3.Competitive Spirit
Description of activity(50-150 words)	"Crackhunt" is a thrilling puzzle-solving competition that challenges participants to crack a series of game-based puzzles with increasing difficulty levels. This immersive event puts contestants' problem-solving skills to the test, requiring them to think creatively and strategically to overcome obstacles. With each level, the puzzles become progressively more complex, demanding a deeper understanding of cybersecurity concepts and techniques. From decoding encrypted messages to exploiting virtual vulnerabilities, participants must use their skills and knowledge to "crack" each challenge. The event is designed to simulate real-world cybersecurity scenarios, providing a unique opportunity for participants to hone their skills in a fun and competitive environment.
Faculty Name (Faculty involved in organizing event)	Sagar Rane

Student Name (student involved in organizing event)	Pankaj Rai, Tejaswani S kurade Jatin Pandey , Ankit Sharma
Video URL (optional)	
Geo tagged Photograph1 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Geo tagged Photograph2 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Session plan/Brochure/Document/overall report of the activity **(JPEG or PDF Format max size 2 Mb)**	

Bypass CTF

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	ISDF Club of AIT (@isdf_ait) • Instagram photos and videos
Academic Year	2023-24
Name of coordinator	Dr. Sagar Rane
Program/Activity/Name	ByPass CTF
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intercollege event
Start Date	6 April, 2024
End Date	7 April, 2024
Mode of event (offline/online)	Online
Number of Student Participants	500
Number of Faculty Participants	1
Number of External Participants, If any	450
Expenditure Amount, If any	Rs 63,000
Objectives of activity (min 2)	1.Security Awareness 2.Problem Solving 3.Competitive Spirit
Description of activity(50-150 words)	"Bypass CTF" typically refers to a Capture The Flag (CTF) competition or challenge related to cybersecurity and information security. CTFs are contests or challenges where participants are presented with a series of tasks, puzzles, or security scenarios that require them to use their skills and knowledge to uncover vulnerabilities, solve problems, and "capture flags" or hidden pieces of information to earn points. Bypass CTF, like other CTFs, focuses on various aspects of cybersecurity and can include challenges related to penetration testing, reverse engineering, cryptography, and other security domains.
Faculty Name (Faculty involved in organizing event)	Dr. Sagar Rane
Student Name (student involved in organizing event)	Pankaj Rai, Tejaswani S Kurade Jatin Pandey , Ankit Sharma
Video URL (optional)	

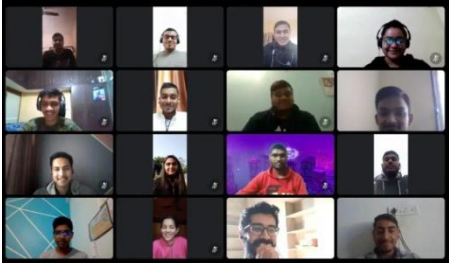|	
Geo tagged Photograph1 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Geo tagged Photograph2 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Session plan/Brochure/Document/overall report of the activity **(JPEG or PDF Format max size 2 Mb)**	

Crackhunt: The Ultimate Showdown

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	[ISDF Club of AIT (@isdf_ait) • Instagram photos and videos](#)
Academic Year	2023-24
Name of coordinator	Dr. Sagar Rane
Program/Activity/Name	Crackhunt: The Ultimate Showdown
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Inter college
Start Date	06-04-2024
End Date	06-04-2024
Mode of event (offline/online)	Offline
Number of Student Participants	150
Number of Faculty Participants	1
Number of External Participants, If any	3
Expenditure Amount, If any	
Objectives of activity (min 2)	1.Puzzle Solving 2.Ethical Hacking 3.Competitive Spirit
Description of activity(50-150 words)	"Crackhunt: The Ultimate Showdown" is a prestigious, large-scale puzzle-solving competition that brings together the world's top cybersecurity talent. This grand event features a series of intricate, game-based puzzles with escalating difficulty levels, designed to push participants' skills to the limit. With a vast array of challenges, including cryptography, web exploitation, and binary analysis, contestants must demonstrate exceptional problem-solving abilities, strategic thinking, and mastery of cybersecurity concepts. The competition unfolds over several rounds, with each level revealing a new set of complex puzzles to crack. A live leaderboard tracks

	progress, and top performers compete for coveted prizes and international recognition. "Crackhunt: The Ultimate Showdown" is the pinnacle of puzzle-solving events, offering an unparalleled opportunity for cybersecurity enthusiasts to showcase their expertise, learn from peers, and elevate their skills to new heights.
Faculty Name (Faculty involved in organizing event)	Dr. Sagar Rane
Student Name (student involved in organizing event)	Pankaj Rai, Tejaswani S kurade Jatin Pandey , Ankit Sharma
Video URL (optional)	
Geo tagged Photograph1 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Geo tagged Photograph2 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Session plan/Brochure/Document/overall report of the activity **(JPEG or PDF Format max size 2 Mb)**	

Cyber-security Quiz

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	ISDF Club of AIT (@isdf_ait) • Instagram photos and videos
Academic Year	2023-24
Name of coordinator	Sagar Rane
Program/Activity/Name	Cyber-security quiz
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intercollege event
Start Date	6 April, 2024
End Date	6 April, 2024
Mode of event (offline/online)	Online
Number of Student Participants	500
Number of Faculty Participants	1
Number of External Participants, If any	450
Expenditure Amount, If any	
Objectives of activity (min 2)	1.Security Awareness 2.Ethical Hacking 3.Competitive Spirit
Description of activity(50-150 words)	"Cybersecurity Quiz" is a comprehensive online competition that tests participants' knowledge and understanding of cybersecurity concepts, threats, and best practices. This engaging event features a series of challenging questions, case studies, and scenarios that simulate real-world cybersecurity situations. Contestants must demonstrate their expertise in areas such as network security, cryptography, threat analysis, and incident response. The quiz is designed to assess participants' ability to identify vulnerabilities, mitigate risks, and make informed decisions in a rapidly evolving cybersecurity landscape. With a competitive leaderboard and prizes for top scorers, "Cybersecurity Quiz" is an excellent opportunity for individuals to evaluate their knowledge, learn from others, and enhance their skills in a fun and interactive environment.
Faculty Name (Faculty involved in organizing event)	Sagar Rane

Student Name (student involved in organizing event)	Pankaj Rai, Tejaswani S kurade Jatin Pandey , Ankit Sharma
Video URL (optional)	
Geo tagged Photograph1 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Geo tagged Photograph2 **(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)**	
Session plan/Brochure/Document/overall report of the activity **(JPEG or PDF Format max size 2 Mb)**	