2019 International Conference on Cybersecurity (ICoCSec 2019)

Negeri Sembilan, Malaysia 25-26 September 2019



IEEE Catalog Number: CFP19V57-POD **ISBN:**

978-1-7281-5658-3

Copyright © 2019 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

IEEE Catalog Number:	CFP19V57-POD
ISBN (Print-On-Demand):	978-1-7281-5658-3
ISBN (Online):	978-1-7281-5657-6

Additional Copies of This Publication Are Available From:

Curran Associates, Inc 57 Morehouse Lane Red Hook, NY 12571 USA Phone: (845) 758-0400 Fax: (845) 758-2633 E-mail: curran@proceedings.com Web: www.proceedings.com



TABLE OF CONTENTS

NO	PAPER TITLE	PAGES
1	FEATURE EXTRACTION AND SELECTION METHOD OF CYBER-ATTACK AND	1 – 6
	THREAT PROFILING IN CYBERSECURITY AUDIT	
2	USING ATTACK PATTERN FOR CYBER ATTACK ATTRIBUTION	7 - 12
3	THE PRIMARILY STUDY OF ELECTRONIC RECORDS MANAGEMENT SYSTEM	13 - 19
	(ERMS) FOR YEMEN OIL AND GAS CORPORATION (YOGC) SUBSIDIARIES	
4	ON THE ANALYSIS OF THE IMPACT OF SCHEDULING PLANS IN SAFETY	20 - 25
	CRITICAL REQUIREMENTS IN VIRTUALIZATION	
5	SPEAR PHISHING SIMULATION IN CRITICAL SECTOR (TELECOMMUNICATION	26 - 31
	AND DEFENCE SUB-SECTOR)	
6	USING TEXT ANNOTATION TOOL ON CYBER SECURITY NEWS - A REVIEW	32 - 36
7	A THEORETICAL REVIEW: RISK MITIGATION THROUGH TRUSTED HUMAN	37 - 42
	FRAMEWORK FOR INSIDER THREATS	
8	REVIEW OF DIGITAL WALLET REQUIREMENTS	43 - 48
9	INSTRUMENTING API HOOKING FOR A REALTIME DYNAMIC ANALYSIS	49 - 52
10	UNINTENTIONAL INSIDER THREATS COUNTERMEASURE S MODEL (UITCM)	53 - 58
11	A QOS APPROACH FOR INTERNET OF THINGS (IOT) ENVIRONMENT USING	59 - 63
	MQTTA PROTOCOL	
12	FRAMEWORK DESIGN FOR SECURED LOCAL CLOUD DATA QUERY PROCESSING	64 - 69
	ANALYSIS	
13	MOBILE MALWARE CLASSIFICATION FOR SOCIAL MEDIA APPLICATION	70 - 75
14	TAGRAPH: KNOWLEDGE GRAPH OF THREAT ACTOR	76 - 80
15	CRIME IN VIRTUAL REALITY: DISCUSSION	81 - 85
16	RANSOMWARE ENTITIES CLASSIFICATION WITH SUPERVISED LEARNING FOR	86 - 90
17	INFORMAL TEXT	01 05
17	INTRUSION DETECTION SYSTEM TO ENHANCE NETWORK SECURITY USING	91 - 95
	RASPBERRY PI HONEYPOT IN KALI LINUX	