

2018-2019



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

Kandlakoya (V), Medchal Road, Hyderabad -501401.

CMRCET/PRIN/IT/AY2018-19/02

Date: 06/08/2018

OFFICE ORDER

With reference to the office order "CMRCET/PRIN/21/2014, Dated 2nd August, 2018", this is to inform all the faculty, staff and students that the following are members of the composition of Cyber Security Club for the academic year 2018-19.

The composition of Cyber Security Club Committee is as follows:

S.No.	Member & Designation			
1.	Chairman - Dr.V.A Narayan, Principal CMRCET			
2.	Convener – Mr. Siva Skandha Sanagala, Assoc.prof,CMRCET			
3.	Coordinator-Mr.Tulasi Dasu, Asst.prof,CMRCET			
3.	Faculty Members :			
	Sn	Name of the Faculty	Designation	Department
	1.	K.LOHESWARAN	Assistant Professor	CSE
	2	P.Ramesh	Assistant Professor	CSE
	3	Y.CHITTIBABU	Assistant Professor	ECE
	4	M.SUNEEL KUMAR	Assistant Professor	EEE
	5	Vinayak B. Naduvinamani	Assistant Professor	MECH
4.	Student Members :			
	Sno	Name of the Student	Branch	
	01	NAMA KAPIL KALYAN	CSE	
	02	G VISHAL	CSE	
	03	MEGHNA NAYAL	CSE	
	04	Mr M Surya	CSE	
	05	POLOJU VEENA	CSE	
	06	VASA KARTHIK	CSE	
	07	RAPOLU RAVI TEJA	CSE	

Coordinator

Principal

Copy Submitted to: (1) The Secretary Garu – For your kind information Pl.

- a. Copy to: 1. IQAC Coordinator
2. Controller of Examinations
3. All HODS
4. Administrative Officer
5. Accounts Officer

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CMRCET/PRIN/IT/AY2018-19/CIR-03

Date: 08/08/2018

CIRCULAR

All the members of Cyber Security Club of the college are hereby informed that, the Cyber Security Club committee meeting is scheduled on 11.08.2018 & the Venue is CSE Seminar hall at 1:00 pm. All are requested to be present on time.

The Agenda of the meeting is:

- To Discuss about the SOP, Objectives, Roles & Responsibilities.
- Understanding the Behavior of Threat Actors
- Security for the future
- Discuss Security Attacks and Preventions
- How to avoid Cyber Security in network


Principal

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Copy to:

1. IQAC Coordinator
2. Controller of Examinations
3. All HODS
4. Administrative Officer
5. Accounts Officer
6. Concerned Faculty


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Academic Year: 2018-19
CYBER SECURITY CLUB COMMITTEE
MINUTES OF MEETING

1. The Meeting was held on 11th August 2018 from 1:00 to 3:30 pm in the Department of CSE Seminar hall.
2. The Convener welcomed all the Club committee members
3. SOP was finalized during the meeting with Objectives, Roles & responsibilities

STANDARD OPERATING PROCEDURE OF CYBER SECURITY CLUB COMMITTEE

Purpose: The purpose of this committee is to form guidelines and procedures to be adopted for protect the usability, reliability, integrity and safety of the network.

Scope: With the advent of the modern technological age, people and surrounded things get connected with each other. For protecting those connections, there is a great need for the students of **all Engineering** to protect the security of these connections. The experts of this industry are trying to remove the threats but various scandals of big companies have become attractive attention. In the coming years, this market showed expected growth and is more likely to develop and rise.

Roles & Responsibility:


1. Monitor network and application performance to identify and irregular activity
2. Set up patch management systems to update applications automatically
3. Work with IT operations to set up a shared disaster recovery/business continuity plan
4. Work with HR and/or team leads to educate employees on how to identify suspicious activity

Frequency of committee meeting

- Four times in the every Academic Year. Every meeting at before starting the semester and end of semester.
- Committee may conduct meeting as and when required

I. Salient Aspects of Cyber Security Policy and Responsibility

- (a) Internet connections should be on standalone mode PCs only with no classified data on them. Strict air-gap to be main between Internet and Army networks.
- (b) No dial up access should be there on networked PCs. Official PCs will not be used to access Internet using mob phones/ USB dongles.
- (c) PCs should have strong booting and log on passwords.
- (d) No classified info to be stored on PCs permanently. Under no circumstances data classified as CONFID and above will be typed/ viewed on PA/Steno's PC.
- (e) PCs used for processing cl info will NOT be connected on Army One/ Internet/ any other network and these will not have internal CD/DVD writers.


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User Awareness, Security Checks and Reporting of Security Breach

- Security of info especially in the context of cyber security is dynamic. All users of the computers and networks need to be aware about cyber security and must exercise better security consciousness.
- A six-monthly cyber security audit will be carried out in the HQ Dte Gen NCC by a bd of offrs. Proper records of such audit will be maint and a report will be fwd promptly if any security breach is detected/ reported. Imp DOs and DON'Ts on cyber security for all users are given at att appx.
- Upon discovery of cyber security breach/ loss, report to be initiated on such occurrence and subsequent investigations will be carried as per instrs contained in classification and handling of classified documents 2001.

IMP CYBER SECURITY DOs AND DON'Ts FOR ALL USERS

Dos. Users are advised to observe the following Dos:-

- Do use computer lock when not in use to avoid unauth access. Do use passwords for:-
 - (i) Booting and screensaver.
 - (ii) Login/access to computer
 - (iii) Access to indl files/ folders.
- Do keep the backup data on CDs/DVDs which are kept in safe custody and are properly accounted for.
- Do keep only system files and programs on hard disk as far as possible.
- Do copy data/files created after each session on removable media like floppies/CDs and keep it at physically secure place.
- Do erase data/files by shredding from the hard disk.
- Do log off PCs in a network to obviate unauthorized client stations accessing e-mails and stored files.
- Do avoid networked configuration file sharing to rule out access by unauthorized persons.
- Do open email-box regularly and scrutinize its contents. Info/ data not required must be deleted periodically.
- Do scan external storage media for viruses before these are used on computers.
- Do report questionable/unidentified files on your PC.
- Do report any loss of media immediately to offr auth to ensure cyber security in the br/sec/est.



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Don'ts. Users are advised to observe the following Don'ts:-

- Don't give access to the computer to any outside/ unauth pers and Don't disclose your password to any unauthorized pers.
- Don't permit copying of files/ info from your computer to any outsider.
- Don't let the vendor/ mech take away hard disk in the event of a hard disk crash /failure. If it is certified that the disk is unserviceable, it will be removed and destroyed by a bd of offr.
- Don't use external storage media on your computer unless scanned for virus . Virus can destroy all the files on your hard disk.
- Don't connect modem with any PC other than the Internet PC being used in a standalone mode.
- Don't use default configurations.

Composition

1. Principal act as a Chairman of the cultural club Committee.
2. One senior faculty member to be appointed as a program Convener by the head of the Institution.
3. Faculty and student members from each department who show interest in Arts.

S. No.	Composition	In charge
1	Dr.V.A Narayan, Principal CMRCET	Chairman
2	Mr. Siva Skandha Sanagala, Assoc.prof ,CMRCET,	Convener
3.	Mr.B.Tulasi Dasu, Asst.prof,CMRCET	Coordinator
3	1. K.LOHESWARAN 2. Mr. P.Ramesh 3. Mr. Y.CHITTIBABU 4. Mr. M.SUNEEL KUMAR 5. Mr .Vinayak B. Naduvnamani	Faculty Members
4	1. NAMA KAPIL KALYAN 2. G VISHAL 3. MEGHNA NAYAL 4. Mr M Surya 5. POLOJU VEENA 6. VASA KARTHIK 7. RAPOLU RAVI TEJA	Student Members

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The List of **CYBER SECURITY CLUB** Committee members attended the meeting:


S.No	Name of the member	Designation	Position	Signature
1.	Dr. V.A Narayan	Principal	Chairman ✓	
2.	Mr S.Siva Skanda	Associate Professor	Convener	
	Mr.B.Tulasidasu	Assistant Professor	Coordinator	
3	K.LOHESWARAN	Assistant Professor	Member	
4	Mr. P.Ramesh	Assistant Professor	Member	
5	Mr. Y.CHITTIBABU	Assistant Professor	Member	
6	Mr. M.SUNEEL KUMAR	Assistant Professor	Member	
7	Mr .Vinayak B. Naduvnamani	Assistant Professor	Member	


Convener

Copy Submitted to: (1) The Secretary Garu - For your kind information Pl.

Copy to:

1. IQAC coordinator
2. Concerned Faculty


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Date: 16.08.2018

To
IQAC
CMRCET
Medchal
Kandlakoya

Subject : Requesting approval to conduct the program of the **CYBER SECURITY CLUB** for the A.Y 2018-19.

I, Mr.B.Tulasidasu, convener of the **CYBER SECURITY CLUB** and Assistant professor of CSE department earnestly requesting your permission to conduct the following events.


Following is the schedule of events to be conducted under **CYBER SECURITY CLUB** for the Academic Year 2018-19

S.No	Program	Date
1	Hacking for beginners	01/09/2018
2	Implementation of networks IEEE802.11	10/11/2018
3	Trace of IP Address by using NS2	09/02/2019

I request you to grant me permission and do the needful

Thanking you,


Convener


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Hyderabad-501401.



Date: 21/08/2018

To.
The Principal
CMRCET
Kandlakoya (V)
Hyderabad.

Dear Sir

Sub: Requesting permission to conduct an Hacking for beginners

I, Mr. B. Tulasidasu, coordinator of the **CYBER SECURITY CLUB** and Assistant professor of CSE department earnestly requesting your permission through IQAC Co-Ordinator to conduct an Cyber Security Club.

1. Date of Event : 01/09/2018
2. Name of event : **Hacking for beginners**
3. Venue of event: Android Lab Block II , Room no 113
4. Target audience: students
5. Faculty, staff and students involved in the event: List Enclosed.

I request you to grant me permission and do the need full.


Thanking you

Yours sincerely


(B.Tulasi Dasu)

*permission granted
to conduct*

21/8/18


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CMRCET/PRIN/IT/AY2018-19/CIR-04

Date: 30/08/2018

CIRCULAR

All the students of **CYBER SECURITY CLUB** are invited to participate in **Hacking for beginners** with Hacking Techniques

Event Details:

Date: 01/09/2018

Time: 01:00 PM to 4:00 PM

Venue: Android Lab 113, Block-II.

Contact: Mrs B Tulasi Dasu, Coordinator (9676073625).

Principal

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Copy Submitted to: (1) The Secretary Garu – For your kind information Pl.

- (1) Deans
- (2) IQAC Coordinator
- (2) All HODS
- (3) Administrative Officer
- (4) Accounts Officer
- (5) Concerned Students members
- (6) Concerned Faculty Members

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REPORT ON Hacking for beginners Hacking Techniques on 01st September 2018

In our College we are conducting Cyber Security Club of **Hacking for beginners** I started my journey learning about web application security at the beginning of this year(2019), after being rejected for a front-end developer job. After that I looked back at why I had started to learn to program and I remember telling myself that I wanted to learn how to hack - that was about 4 years ago, at which time I bought the following books:

1. The Basics of Hacking and Penetration Testing, Second Edition: Ethical Hacking and Penetration Testing Made Easy
2. The Hacker Playbook 2: Practical Guide To Penetration Testing
3. Rtfm: Red Team Field Manual

I started reading and not understanding anything, but I kept trying, using Google and YouTube to do research, at one point I decided to go back to the basics, and started to look for resources to learn how to program. I eventually found a course on coursera which taught me how to build web applications. I failed a bunch of times, taking hours to troubleshoot small problems(looking at you syntax errors), trying to understand CS concepts and smash my head until that "AHA!" moment would come. I enjoyed challenging myself and learning new things but up until that point I had learned and not put into practice anything I learned. I took courses online and bought some really good course material - which has been super helpful but at some point I forgot why I started this whole journey, that is until I got rejected from the job I applied for. After being rejected the "**Impostor Syndrome**" kicked in, and I couldn't help but feeling like I didn't know what I was doing, but then I found the hacker101 CTF which allows you to solve challenges and get flags which turn into points which eventually turn into invitations to private programs where your chance to find a vulnerability and get paid increases.

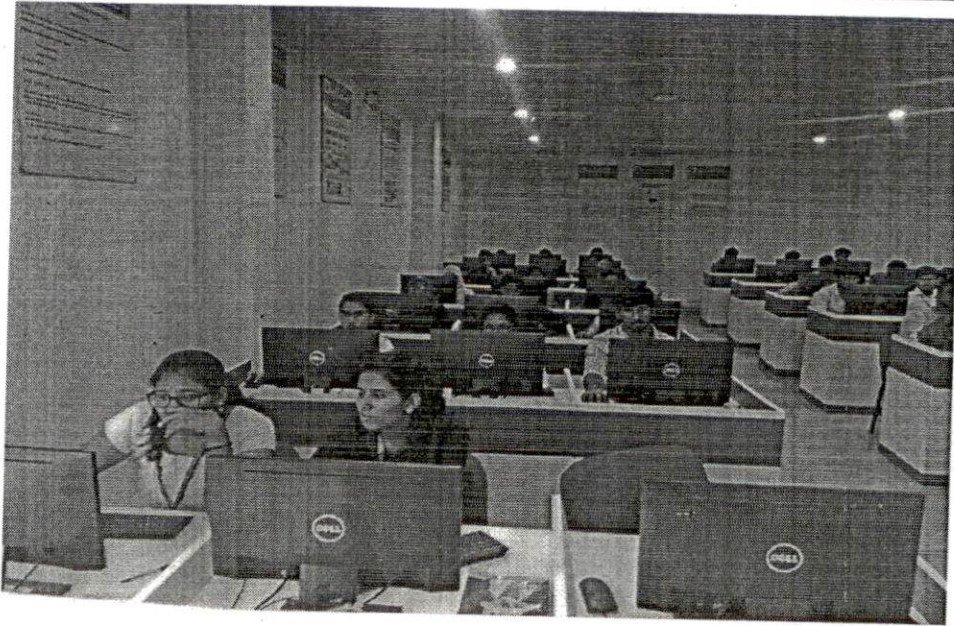
I started doing the CTF and got completely lost - after the first challenge. Then I hopped on twitter to see if I could find someone doing the CTF as well - using my awesome OSINT skills I looked up #hacker101 and found a user(@nemessisc) that had started a Discord server for people who were doing the CTF, and shot her a message asking her if I could join, she sent the invite and this is where it got interesting. I found the most amazing community there, full of people who were also doing this CTF and struggling just like me, sharing resources and just overall being friendly. It's awesome and I have made so many friends through there, some are expert hackers that have been featured in the NEWS others are beginners just like me, and we all help each other.


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Kandlakoya (V), Medchal Road, Hyderabad -501401.

Date: 01/11/2018

To.
The Principal
CMRCET
Kandlakoya (V)
Hyderabad.

Sub: Requesting permission to conduct an Implementation of networks in IEEE802.11

I, Mr. B. Tulasidasu, coordinator of the **CYBER SECURITY CLUB** and Assistant professor of CSE department earnestly requesting your permission through IQAC Co-Ordinator to conduct an Cyber Security Club.

1. Date of Event : 10/11/2018
2. Name of event : Implementation of networks in IEEE802.11
3. Venue of event: Android Lab Block II , Room no 113
4. Target audience: students
5. Faculty, staff and students involved in the event: List Enclosed.

I request you to grant me permission and do the need full.

Thanking you

Yours sincerely


(B. Tulasidasu)

permitted to conduct

01/11/18



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CIRCULAR

All the students of **CYBER SECURITY CLUB** are invited to participate in Implementation of networks

Event Details:

Date: 10/11/2018

Time: 01:00 PM to 4:00 PM

Venue: Android Lab.113, Block-II.

Contact: Mrs B Tulasi Dasu, coordinator (9676073625).

Principal

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- (1) Deans
- (2) IQAC Coordinator
- (2) All HODS
- (3) Administrative Officer
- (4) Accounts Officer
- (5) Concerned Students members
- (6) Concerned Faculty Members

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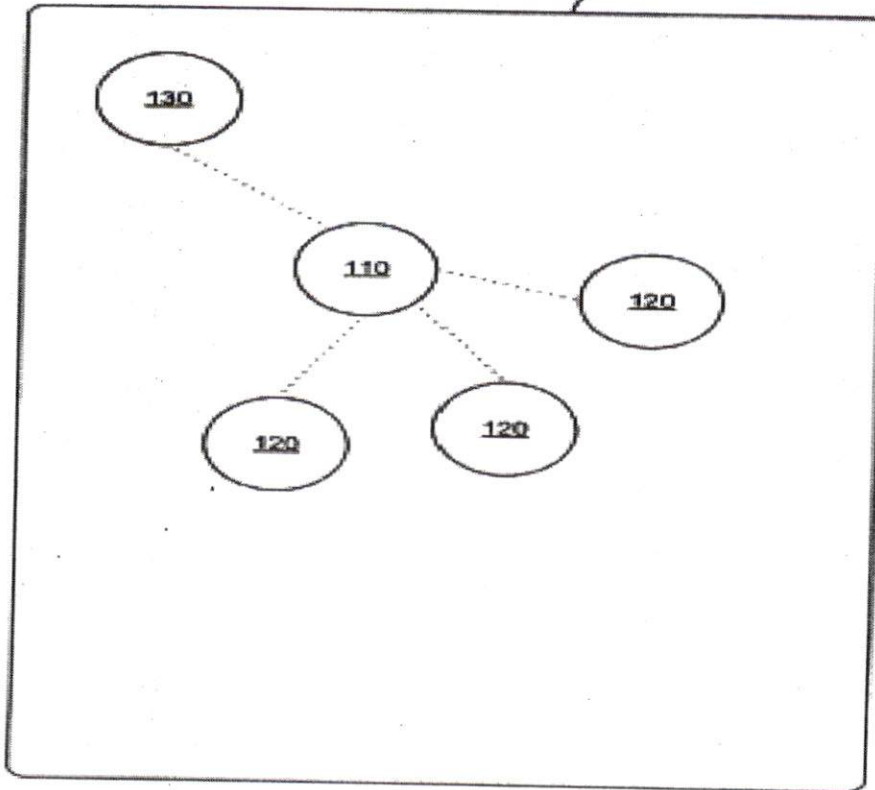
Report on Implementation of networks in IEEE802.11 on 10th November 2018

IEEE 802.11 is part of the **IEEE 802** set of LAN protocols, and specifies the set of media access control (MAC) and physical layer (PHY) protocols for **implementing** wireless local area **network (WLAN)** Wi-Fi computer communication in various frequencies, including but not limited to 2.4 GHz, 5 GHz, and 60 GHz frequency. The enhancement of a neighbor report to include additional information about neighboring access point capabilities. The present invention involves having neighbor reports include information that helps a station to determine whether admission control is mandated by one or more neighboring access points. The present invention can simply be added to the Continuation of application, filed on current 802.11 standards, as existing information elements, now abandoned, are used for implementation.

This section is intended to provide a background or context to the invention that is recited in the claims. The description herein may include concepts that could be pursued, but are not necessarily ones that have been previously conceived or pursued. Therefore, unless otherwise indicated herein, what is described in this section is not prior art to the description and claims in this application and is not admitted to be prior art by inclusion in this section. A neighbor report may be used in aiding roaming stations to obtain information about neighboring access points (APs). A neighbor report is sent by an AP and contains information on known neighbor APs. A neighbor report may not be exhaustive either by choice or due to the fact that there may be neighbor APs not known to the AP transmitting the report. The purpose of the neighbor report is to enable a station to optimize aspects of neighbor basic service set (BSS) transition and extended service set (ESS) operation.

A neighbor report element contains information on APs which the station may use as candidates for a BSS transition. A neighbor report element only contains entries for validated neighbor APs that are members of ESSs requested in the neighbor report Request. An associated station requesting a neighbor report sends a neighbor report Request frame to its associated AP. An AP accepting a neighbor report Request responds with a neighbor report Response frame. If there are no list entries available, the AP sends a neighbor report Response with no Neighbor List Entries. An AP receiving a neighbor report Request responds with a neighbor report Response frame containing Zero or more neighbor report elements. If service set identification (SSID) elements are specified in the corresponding neighbor report Request frame and are different than the current ESS, then information related to the current ESSAP's are not included, in which case only information relating to the requested SSID is reported back. If the SSID element is omitted, the neighbor report element contains information concerning neighbor APs that belong to the same ESS as the requesting station. If there are no list entries available, the AP sends a neighbor report Response with no Neighbor List Entries.


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Hyderabad-501401.



Date: 11/02/2019

To.
The Principal
CMRCET
Kandlakoya (V)
Hyderabad.

Dear Sir,

Sub: Requesting permission to conduct an Trace of IP Address by Using NS2

I, Mr. B. Tulasidasu, coordinator of the **CYBER SECURITY CLUB** and Assistant professor of CSE department earnestly requesting your permission through IQAC Co-Ordinator to conduct an Cyber Security Club.

1. Date of Event : 19/02/2019
2. Name of event : **Trace of IP Address by Using NS2**
3. Venue of event: Android Lab Block II , Room no 113
4. Target audience: students
5. Faculty, staff and students involved in the event: List Enclosed.


I request you to grant me permission and do the need full.

Thanking you

Yours sincerely


(B.Tulasi Dasu)

*Permission to conduct
the event
11/2/19*


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CMRCET/PRIN/IT/AY2017-18/CIR-05

Date: 09/03/2018

CIRCULAR

All the students of **CYBER SECURITY CLUB** are invited to participate in Trace of IP Address by Using NS2

Event Details:

Date: 09/02/2019

Time: 01:00 PM to 4:00 PM

Venue: Android Lab 113, Block-II.

Contact: Mrs B Tulasi Dasu, Coordinator (9676073625).

Principal

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Report on Trace of IP Address by Using NS2 on 19th February 2019

Today, wired and wireless communication system has become very important in transferring data from one device to other. And amongst them, wireless communication is used more in most of the applications. Our project deals with complete understanding of NS2 network simulator; what is NS2, how does it work and how can we use it. Then we have studied different routing protocols used in Mobile Ad-hoc network and have tried to implement them using NS2 and have compared parameters like end-to-end delay, throughput, and Packet Delivery Ratio for AODV and ZRP. We then have implemented Black Hole attack on the AODV protocol operated system using NS2 and have given the proposed solution for it. And finally concludes with the comparative graph for the three systems like AODV, AODV under attack and AODV with solution.

Cognitive radio is a promising solution in improving spectrum utilization efficiency by allowing unlicensed users to access idle licensed spectrum opportunistically. Cognitive Radio Cognitive Network (CRCN) supports multi-interface multi-channel functions in Network Simulator 2 (NS-2). However, CRCN only supports cognitive functions to two MAC protocols that is Macng and Maccoon. Both MACs were designed along with CRCN. Existing MAC protocols such as Simple MAC and 802.11 does not support cognitive function. In this paper, modifications were made to support multi-interface multichannel function and primary user recognition in 802.11 MAC coding. Simulation was run to compare the performance of different cognitive MACs: Simple MAC, 802.11, and Macng, in smart grid communications. The performance metric used was average delay. Simulation results showed that cognitive radio outperforms non-cognitive radio. In addition, cognitive 802.11 has better delay performance than Simple MAC and Macng. This indicates that choice of cognitive MAC protocols the performance of smart grid communications.


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First, download the ns all in one package (ns-allin-one) for ns2 from the link <https://sourceforge.net/projects/nsnam/files/latest/download>. The name of the downloaded package will be "ns-allinone-2.35.tar.gz". Copy it to the home folder. Then open terminal and use the following two commands to expand the contents of the package.

```
cd ~/
tar -xvzf ns-allinone-2.35.tar.gz
```

Using this command all the files will be extracted into a folder called "ns-allinone-2.35". You can also extract the files directly without using this command.

It is important for the NS2 that a few packages to be preinstalled. It also requires the GCC- version 4.3 to work properly. So all the package in the NS2 will be installed by using the command mentioned below:

```
sudo apt-get install build-essential autoconf automake libxmu-dev
```

One of the reliance declared is the compiler GCC-4.3, which is not available for a long time, and because of that we must need to install GCC-4.4 version. The version 4.4 is the previous version we can get. To install it we need to use the following command:

```
sudo apt-get install gcc-4.4
```

Navigate to the folder "link-state", use the following command. Here it is supposed that the expanded ns folder is in the home folder of your system.

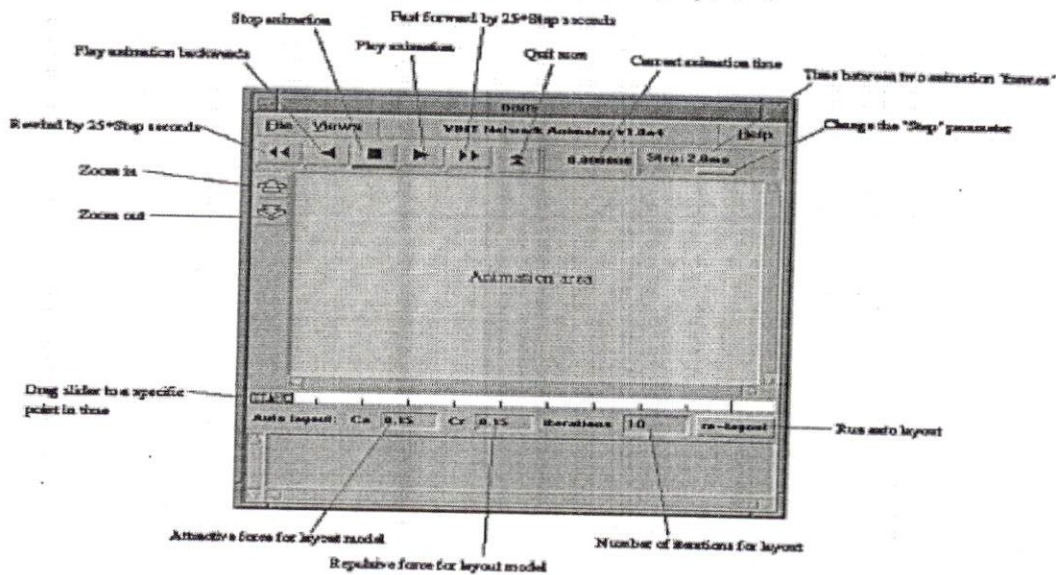
```
cd ~/ns-allinone-2.35/ns-2.35/linkstate
```

Now we inform the ns which version of GCC will be used. For informing ns we need to go to your ns folder where it is located and type the following command:

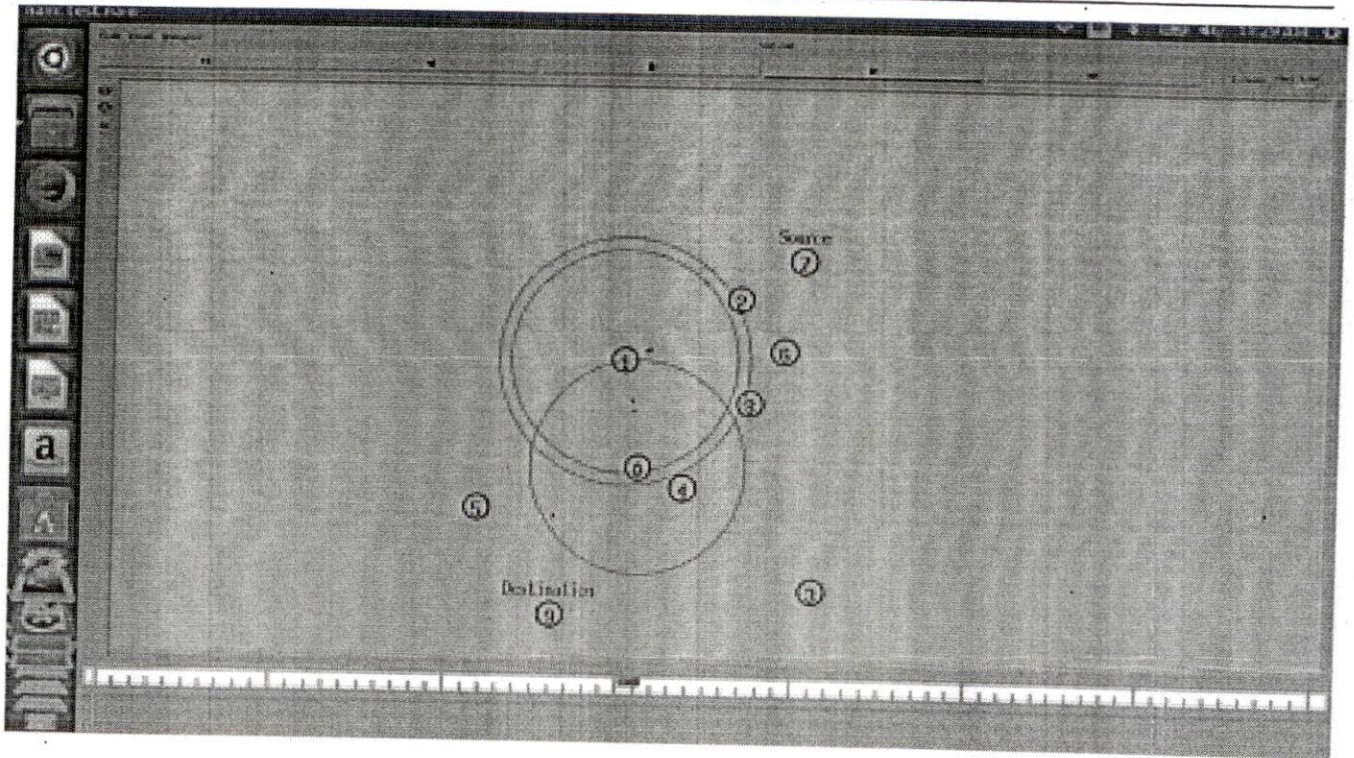
```
Sudo gedit ns-allinone-2.34/otcl-1.13/Makefile.in
```

In the file, change CC= @CC@ to CC=gcc-4.4, as shown in the image below.

```
# try ./configure first to fill in all the definitions corresponding
# to your system, but you always can edit the sections below manually.
#
CC=gcc-4.4
CFLAGS=@CFLAGS@
RANLIB=@RANLIB@
INSTALL=@INSTALL@
```




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You will need to identify the IP address of the intruder. There are a variety of Linux commands and tools that can tell you what the IP address is of any computer that is trying to make a connection. You can find the IP address of anyone trying to hack your own website on your hosting logs, Google Analytics or another analytics tool. You can try to use a tool such as NetStat to identify the IP addresses of anyone trying to connect to your computer.

What to do with the information: Once you have an IP address you can find out where the connection is coming from. Keep in mind that these simpler tools won't be able to tell you exactly where they are, but can give you a reasonable idea what city they are in and what hosting provider they are using.



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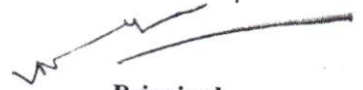
Date: 22/04/2019

CIRCULAR

All the members of Cyber Security Club of the college are hereby informed that, the Cyber Security Club committee meeting is scheduled on 25.04.2019 & the Venue is CSE Seminar hall at 1:00 pm. All are requested to be present on time.

The Agenda of the meeting is:

- Understanding the Behavior of Threat Actors
- Different programs for next academic year
- Security for the future
- Discuss Security Attacks and Preventions
- How to avoid Cyber Security in network




Principal

Copy Submitted to: (1)The Secretary Garu – For your kind information Pl.

Copy to:

1. IQAC Coordinator
2. Controller of Examinations
3. All HODS
4. Administrative Officer
5. Accounts Officer
6. Concerned Faculty



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Academic Year: 2018-19

CYBER SECURITY CLUB COMMITTEE

MINUTES OF MEETING

Date: 25st April 2019
Dept.

Time: 2:00-3:30 PM

Venue: HOD Cabin, CSE

Chaired By: Dr. V.A Narayan, Principal, CMR College of Engineering & Technology

Members present:

1. Chairman: Dr.V.A Narayan, Principal of CMRCET
2. Convener: Mr. Siva Skandha Sanagala, Assoc.prof of CMRCET
3. Convener : Mr. B. Tulasi Dasu Asst.prof
4. One faculty from Each Department
5. One Students member from Each Department

The chairman Dr.V.A Narayan welcomed all the committee members.

Agenda: End of the Academic year summary


Minutes of Meeting:

A meeting was conducted by the Cyber Security Club Committee to review the events conducted in the Academic Year 2017 – 2018 and to discuss the various Programs to be conducted for the Academic Year 2018 – 2019.

- The chairman, Dr.V.A Narayan welcomed all the members.
- All the three (3) events conducted for the Academic Year 2017-2018 were discussed.
- The additional events that were conducted if any and missed out were asked for.
- The Programe that were part of the agenda but were not conducted were also discussed and the reasons for not being conducted were discussed at length.
- The events that were planned for the next academic year were also discussed.
- Inputs were sought about the other events that can be included as part of the club.

Resolution 01: The Cyber Security Club committee members appreciated one another for the successful completion of the events for the academic year on the agenda and were braced up with the list of events for the next academic year.

The meeting concluded with the Chairman thanking the members for their valuable suggestions.


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Summary of Programmes Conducted during A.Y 2017-18 under "CYBER SECURITY".

Sno	Name of the Event	Date	Venue	Conducted / Not Conducted
1	Hacking for beginners	01/09/2018	Android Lab 113	Conducted
2	Implementation of networks IEEE802.11	10/11/2018	Android Lab 113	Conducted
3	Trace of IP Address by using NS2	09/02/2019	Android Lab 113	Conducted


Convener


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25.04.2019

TO

The IQAC coordinator
CMR College of Engineering & Technology
Kandlakoya
Medchal.

Sir,

Sub: **ANNUAL REPORT** of the **CYBER SECURITY CLUB** for the year 2018-19. Reg.

The **CYBER SECURITY CLUB** in the year 2018-19 has conducted the following programs according to the original schedule decided in the first CSC meeting held on 25th of April 2019

S.No	Program	Date
1	Hacking for beginners	01/09/2018
2	Implementation of networks IEEE802.11	10/11/2018
3	Trace of IP Address by using NS2	09/02/2019

The **outcome** of all these programs is that all the students, faculty. The Cyber Security Club committee members appreciated one another for the successful completion of the events for the academic year on the agenda and were braced up with the list of events for the next academic year.

S Siva Skanda

Convener

Cyber Security Club

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