

Date: 08/08/2018

From

Mr. M.A. Saleem Ahmed,
Assistant Professor
Bharath Institute of Law
Bharath Institute of Higher Education and Research
Chennai

To

Dean
Bharath Institute of Law
Bharath Institute of Higher Education and Research
Chennai

Sub: Request for permission to organize a course overview on Cyber Forensics - Reg.

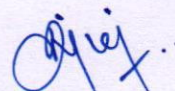
Dear Sir,

With reference to the above subject, I would like to request your support and permission to organize a course overview on **Cyber Forensics**. It will be 31 hours session and tentatively scheduled to inaugurate on 17th August 2018 and classes will start from 18th August, 2018. The resource person for the course will be Dr. A. Vijayalakshmi, M.L., Ph.D(Law), Assistant Professor (Senior Scale), Dr. Ambedkar Government law college, Chennai.

I eagerly await for your kind approval for organizing the same

Thanking You

Yours Sincerely,


(Mr. M.A. Saleem Ahmed)

Approved

J. hml
08/08/2018

BHARATH INSTITUTE OF LAW
(BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH)
173, Agharam Road, Selaiyur, Chennai – 600 073

Ref No.: BIL/GC/VAC/10/2018

Date: 13.08.2018

CIRCULAR

This is to inform that Bharath Institute of Law is conducting course overview on “**CYBER FORENSICS**”. This course commences from 17th August, 2018. The course comprises of 39 hours of lecture and practical classes. The timetable for the course is hereby attached. Interested students can get the registration form from the office and submit the same on or before 16th August, 2018.

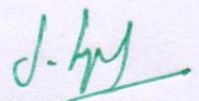
The following members will be handing the course

Sl.No	Name	Designation
1	Dr. A. Vijayalakshmi	Assistant Professor (Senior Scale), Dr.Ambedkar Government law college, Chennai
2	Mr. M.A. Saleem Ahmed	Asst. Professor, Bharath Institute of Law, Chennai

Copy to

1. All department HOD's
2. All classes
3. Notice Board



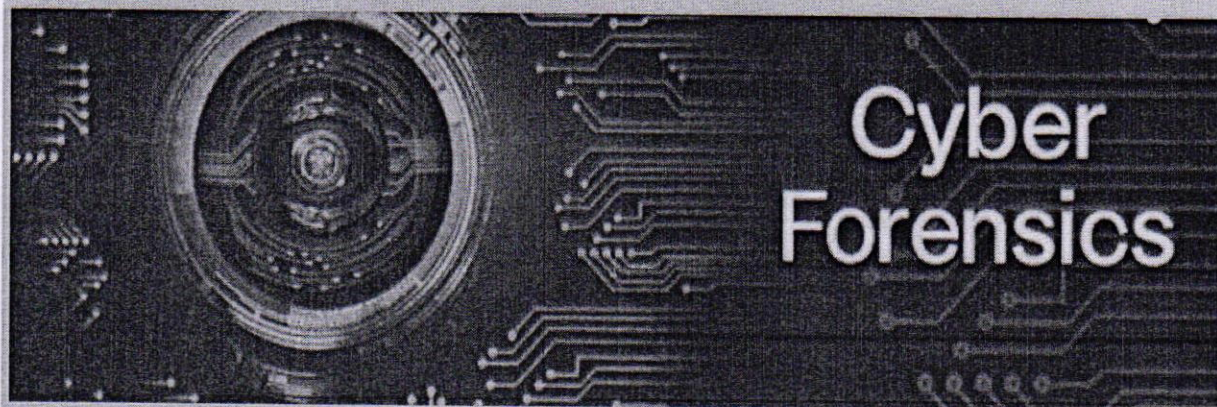

DEAN-LAW
Prof. (Dr.) S. GAJENDRA RAJ, Ph.D.(Law), L.L.D.(Law),
Dean -Law
Bharath Institute of Law
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act.1956)
Selaiyur, Chennai-600 073. INDIA



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)
ACCREDITED WITH 'A' GRADE BY NAAC

COURSE OVERVIEW ON CYBER FORENSICS



INAUGURATION ON 17TH AUGUST 2018 - 4.00 PM TO 6.00 PM

17th August 2018 TO 22nd September 2018

DETAILED IDEA ABOUT CYBERCRIMES AND FORENSICS

NO REGISTRATION FEE

ORGANISED BY



Bharath
INSTITUTE OF LAW

Approved by Bar Council of India (BCI: D: 943/2016 (LE))

COURSE OVERVIEW ON “CYBER FORENSICS”

Schedule of Sessions

Total Duration: 39

Session	Date	Day	Time	Total hours
Inauguration session on 17.08.2018, 4.00 pm to 6.00pm				3 hours
Session 1	18.08.2018	Saturday	9.00 am to 4.20 pm	6 hours
Session 2	25.08.2018	Saturday	9.00 am to 4.20 pm	6 hours
Session 3	01.09.2018	Saturday	9.00 am to 4.20 pm	6 hours
Session 4	08.09.2018	Saturday	9.00 am to 4.20 pm	6 hours
Session 5	15.09.2018	Saturday	9.00 am to 4.20 pm	6 hours
Session 6	22.09.2018	Saturday	9.00 am to 4.20 pm	6 hours
Total Duration				39

COURSE OVERVIEW ON CYBER FORENSICS

COURSE OBJECTIVE

1. Acquaint the learners with the basic concepts of Cyber forensic and also to acquire learners in-depth knowledge of digital crimes.
2. To make learners deal with Traditional Computer Crime, Traditional problems associated with Computer Crime. To know the Identity Theft & Identity Fraud. Types of CF techniques.
3. To learn the Incident and incident response methodology Forensic duplication and investigation. Preparation for IR: Creating response tool kit and IR team. - Forensics Technology and Systems , Understanding Computer Investigation , Data Acquisition.
4. They can Understand Computer Investigation and Data Acquisition and also procedure of filing and prosecuting cyber cases.

Module –I

Introduction to cybercrimes, kinds of cybercrimes, IPSec Protocol - IP Authentication Header , IP ESP , Key Management Protocol for IP Sec . Transport layer Security: SSL protocol, Cryptographic Computations , TLS Protocol.

Module-II

PGP - S/MIME - Internet Firewalls for Trusted System: Roles of Firewalls , Firewall related terminology, Types of Firewalls , Firewall designs , SET for E-Commerce Transactions.

Module-III

Traditional Computer Crime, Traditional problems associated with Computer Crime. And also gives the basic and structural ideas Identity Theft & Identity Fraud. Types of CF techniques, Incident and incident response methodology ,

Module-IV

Forensic duplication and investigation. Preparation for IR: Creating response tool kit and IR team. Forensics Technology and Systems and Understanding Computer Investigation , Data Acquisition.

Module –V

The concept of Processing of Crime and how to deal with and to relate with the Incident Scenes, Working with Windows and DOS Systems. Current Computer Forensics Tools: Software/ Hardware Tools, Validation of Forensics Data, Data Hiding Techniques and Performing Remote Acquisition , Network Forensics , Email Investigations , Cell Phone and Mobile Devices Forensics

Module-VI

The methods of investigation tools and techniques, analysis of data to identify evidence, Technical Aspects & Legal Aspects related to cyber crimes and cyber laws

COURSE OVERVIEW ON CYBER FORENSICS

Lesson Plan

DAY-1

In this lecture you will understand the IPSec Protocol - IP Authentication Header , IP ESP , Key Management Protocol for IP Sec . Transport layer Security: SSL protocol, Cryptographic Computations , TLS Protocol.

DAY- 2

This lecture will emphasize about the PGP - S/MIME - Internet Firewalls for Trusted System: Roles of Firewalls , Firewall related terminology, Types of Firewalls , Firewall designs , SET for E-Commerce Transactions.

DAY- 3

This lecture is an introduction to Traditional Computer Crime, Traditional problems associated with Computer Crime. And also gives the basic and structural ideas Identity Theft & Identity Fraud. Types of CF techniques, Incident and incident response methodology , Forensic duplication and investigation. Preparation for IR: Creating response tool kit and IR team. Forensics Technology and Systems and Understanding Computer Investigation , Data Acquisition.

DAY- 4

This lecture will explain the concept of Processing of Crime and how to deal with and to relate with the Incident Scenes, Working with Windows and DOS Systems. Current Computer Forensics Tools: Software/ Hardware Tools.

DAY- 5

In this lecture we will be discussing about Validation of Forensics Data, Data Hiding Techniques and Performing Remote Acquisition , Network Forensics , Email Investigations , Cell Phone and Mobile Devices Forensics

DAY- 6

This lecture will explain about the methods of investigation tools and techniques, analysis of data to identify evidence, Technical Aspects & Legal Aspects related to cyber crimes and cyber laws.

Course objective on cyber forensics

TIME TABLE

Inauguration session on 17.08.2018 4.00 pm to 6.00pm

DATE	9.00 am to 10.00 am	10.00 am to 11.00 am	BREAK 11.00 am to 11.20 am	11.20 am to 12.20 pm	12.20 pm to 1.20 pm	LUNCH 1.20pm to 2.00 pm	2.20 pm to 3.20 pm	3.20 pm to 4.20 pm
18.08.2018	Inauguration	Introduction Cyber Forensic		Kinds of cyber crime	IP, SSL l& TLS Protocol and authentication		Key management of protocol	Cryptographic Computations
25.08.2018	Introduction to Firewalls	Internet Firewalls for system		Trusted system of fire walls	Roll of fire walls		Terminology of firewalls	Different types of firewalls
01.09.2018	Firewall designs, Internet, Hacking, Cracking, Viruses,	Virus Attacks, Pornography, Software Piracy		Intellectual property, Legal System of Information Technology	Deleted File Recovery, Formatted Partition Recovery		Social Engineering, Mail Bombs, Bug Exploits	Forensic duplication and investigation Preparation for IR
08.09.2018	Cyber Security and safely handle media	concept of Processing of Crime		Procedure of dealing with and to relate with the Incident Scenes	Working with Windows and DOS Systems		Current Computer Forensics Tools:	Software/ Hardware Tools
15.09.2018	Validation of Forensics Data	Data Hiding Techniques		Performing Remote Acquisition	Network Forensics		Email Investigations	Cell Phone and Mobile Devices Forensics
22.09.2018	investigation tools and techniques	analysis of data to identify evidence		Technical Aspects	Legal Aspects		Cyber laws	Procedure of filing cases

Course Name	Course overview on Cyber Forensics
Date of Introduction	17-Aug-2018
No of Students Enrolled	64

S.No	Register No	Student Name	Course
1	U16DL004	ANTONY PRABU S	LLB., (Hons.)
2	U16DL015	GAYATHIRI J	LLB., (Hons.)
3	U16DL026	NATESH ANANTH A	LLB., (Hons.)
4	U16DL037	THANAPATHY ALLWARAYYAN E	LLB., (Hons.)
5	U16DL048	TUFAN KUJUR	LLB., (Hons.)
6	U16DL059	CHOCKALINGAM R	LLB., (Hons.)
7	U16DL070	SUNDARARAJAN M	LLB., (Hons.)
8	U16DL081	NAVEEN R	LLB., (Hons.)
9	U16DL092	THIRUMURUGAN S	LLB., (Hons.)
10	U16DL103	VIJAYASREE D	LLB., (Hons.)
11	U16DL066	SANTHI A	LLB., (Hons.)
12	U16DL077	FREEDA J	LLB., (Hons.)
13	U16DL088	SUGANRAJA M	LLB., (Hons.)
14	U16DL099	BHUPESH N	LLB., (Hons.)
15	U17DL004	ANAND BABU G	LLB., (Hons.)
16	U17DL014	BRIGHT FERNANDUS	LLB., (Hons.)
17	U17DL024	JANANEY R	LLB., (Hons.)
18	U17DL035	MANIKANDAN S	LLB., (Hons.)
19	U17DL048	RONAK R	LLB., (Hons.)
20	U17DL060	SIVARAMAN N	LLB., (Hons.)
21	U17DL071	VARUN CHANKRAVARTHY	LLB., (Hons.)
22	U17DL081	HARIKRISHNAN P	LLB., (Hons.)
23	U17DL092	NESHIYA KUMARI T	LLB., (Hons.)
24	U17DL104	NAVEENHA DEVI S	LLB., (Hons.)

S.No	Register No	Student Name	Course
25	U17DL114	ALAGESAN K	LLB., (Hons.)
26	U17DL124	KALAIMANI S	LLB., (Hons.)
27	U17DL098	SIDDHARTH MANIKANDAN S	LLB., (Hons.)
28	U17DL110	SHEIK SIKKANDAR TARIQ K	LLB., (Hons.)
29	U17DL120	DILJITH RAM	LLB., (Hons.)
30	U17DL130	ARUN KUMAR D	LLB., (Hons.)
31	U16BL004	ARUN PANDIAN P G	B.BA.,L.LB(Hons.)
32	U16BL015	PRAVEEN S	B.BA.,L.LB(Hons.)
33	U16BL025	VIMAL R	B.BA.,L.LB(Hons.)
34	U16BL035	MARUDHU PANDIAN R	B.BA.,L.LB(Hons.)
35	U17BL004	ABISHEK JERROLD S	B.BA.,L.LB(Hons.)
36	U17BL015	JOMY JOSHUA J	B.BA.,L.LB(Hons.)
37	U17BL028	NIVETHA R K	B.BA.,L.LB(Hons.)
38	U17BL038	SHAMINE SAMUVEL A	B.BA.,L.LB(Hons.)
39	U17BL048	MUTHUMARI C	B.BA.,L.LB(Hons.)
40	U17BL059	ROSHAN DANIEL.V	B.BA.,L.LB(Hons.)
41	U17BL065	AKASH R	B.BA.,L.LB(Hons.)
42	U17BL044	VINAY DATTA G	B.BA.,L.LB(Hons.)
43	U17BL054	HARIHARAN G	B.BA.,L.LB(Hons.)
44	U17BL077	GOKULAN T	B.BA.,L.LB(Hons.)
45	U17BL090	NAVEEN R	B.BA.,L.LB(Hons.)
46	U17BL100	SIVAGURUNATHAN S	B.BA.,L.LB(Hons.)
47	U17BL110	UDHAYANITHI S	B.BA.,L.LB(Hons.)
48	U17BL117	ANGELIN CHRISTINA A	B.BA.,L.LB(Hons.)
49	U17BL118	MADHUMITHA N	B.BA.,L.LB(Hons.)
50	U17BL119	THISHIYAA P S	B.BA.,L.LB(Hons.)
51	U17CL006	ASHWATH H	B.Com.,L.LB(Hons.)
52	U17CL016	HARIPREETHA B	B.Com.,L.LB(Hons.)
53	U17CL026	KRISHNA R	B.Com.,L.LB(Hons.)

S.No	Register No	Student Name	Course
54	U17CL036	PRAKASH T	B.Com.,L.LB(Hons.)
55	U17CL046	SIVASANTHOSH VB	B.Com.,L.LB(Hons.)
56	U17CL057	VIJAYABHARATHI V S	B.Com.,L.LB(Hons.)
57	U16CL004	VIJAYALAKSHMI B	B.Com.,L.LB(Hons.)
58	U17CL026	KRISHNA R	B.Com.,L.LB(Hons.)
59	U17CL038	PRAVEEN M	B.Com.,L.LB(Hons.)
60	U17CL044	SANMUGAPRIYA T	B.Com.,L.LB(Hons.)
61	U17CL050	SUGHI SELVAN A	B.Com.,L.LB(Hons.)
62	U17CL057	VIJAYABHARATHI V S	B.Com.,L.LB(Hons.)
63	U17CL053	SURYA BOSE P	B.Com.,L.LB(Hons.)
64	U16CL006	SURESH KUMAR S	B.Com.,L.LB(Hons.)



BHARATH INSTITUTE OF LAW
BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
173, Agharam Road, Selaiyur, Chennai - 600 073



This certificate is awarded to

Mr.S.SIDDHARTH MANIKANDAN

of

Bharath Institute of Law, Chennai

for successfully completing the course overview on **CYBER
FORENSICS**

with a consolidated score of 62%. The course was conducted from
17th August, 2018 to 22nd September, 2018

Mr. M.A.SaleemAhmed
CourseCo-ordinator

Prof. Dr. S. Gajendraraj
Dean-Law

BHARATH INSTITUTE OF LAW
(BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH)
173, Agharam Road, Selaiyur, Chennai – 600 073

Course Feedback Form

Course Title : Course overview on Cyber Forensic
Date From : 17th Aug/2018 Date to : 22nd Sept/2018 Venue : Bharath Institute of law

Please fill the short questionnaire to make the course better.

Occupation : Student
Your Organization Name : Bharath Institute of law
Your Highest Qualifications : H12

Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

THE DESIGN OF THE COURSE

- | | | |
|--|----------------------|--|
| A. Were objectives of the course clear to you? | Yes / No | <div style="border: 1px solid black; padding: 2px; display: inline-block;">Yes</div> |
| B. The course contents met with your expectations | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| C. The lecture sequence was well planned | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |
| D. The contents were illustrated with | | |
| 1. Too few examples | 5. Adequate examples | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| E. The level of the course was | | |
| 1. Too low | 5. Too high | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |
| F. The course contents compared with your expectations | | |
| 1. Too theoretical | 5. Too empirical | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| G. The course exposed you to new knowledge and practices | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| H. Will you recommend this course to your colleagues? | | |
| 1. Not at all | 5. Very strongly | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |

THE CONDUCT OF THE COURSE

- | | | |
|--|-------------------|--|
| A. The lectures were clear and easy to understand | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| B. The teaching aids were effectively used | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| C. The course material handed out was adequate | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| D. The instructors encouraged interaction and were helpful | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |

BHARATH INSTITUTE OF LAW
(BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH)
173, Agharam Road, Selaiyur, Chennai – 600 073

Course Feedback Form

Course Title : COURSE OVERVIEW ON CYBER FORENSIC
Date From 17/08/2018 Date to : 22/09/2018 Venue : BHARATH INSTITUTE OF LAW

Please fill the short questionnaire to make the course better.

Occupation : STUDENT
Your Organization Name : BHARATH INSTITUTE OF LAW
Your Highest Qualifications : +2

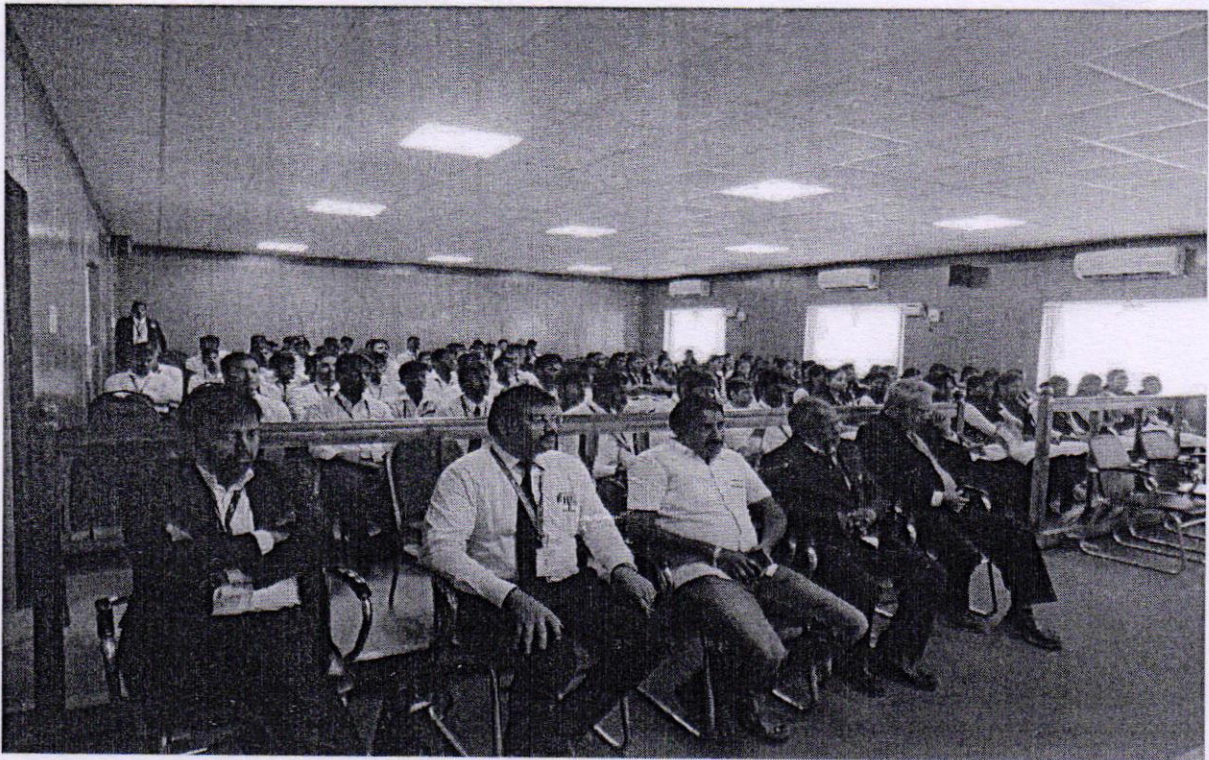
Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

THE DESIGN OF THE COURSE

- | | | |
|--|----------------------|--|
| A. Were objectives of the course clear to you? | Yes / No | <div style="border: 1px solid black; padding: 2px; display: inline-block;">YES</div> |
| B. The course contents met with your expectations | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| C. The lecture sequence was well planned | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |
| D. The contents were illustrated with | | |
| 1. Too few examples | 5. Adequate examples | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| E. The level of the course was | | |
| 1. Too low | 5. Too high | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| F. The course contents compared with your expectations | | |
| 1. Too theoretical | 5. Too empirical | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |
| G. The course exposed you to new knowledge and practices | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |
| H. Will you recommend this course to your colleagues? | | |
| 1. Not at all | 5. Very strongly | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |

THE CONDUCT OF THE COURSE

- | | | |
|--|-------------------|--|
| A. The lectures were clear and easy to understand | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |
| B. The teaching aids were effectively used | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |
| C. The course material handed out was adequate | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |
| D. The instructors encouraged interaction and were helpful | | |
| 1. Strongly disagree | 5. Strongly agree | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> |



Course overview on “CYBER FORENSICS” was organized and conducted by the Bharath Institute of Law for the benefit of law students from 17/08/2018 to 22/09/2018. Totally 64 students attended this course.

The following resource persons conducted the course.

- Dr. A. Vijayalakshmi, Assistant Professor (Senior Scale), Dr.Ambedkar Government law college, Chennai
- Mr. M.A. Saleem Ahmed, Assistant Professor, Bharath Institute of Law

COURSE CO-ORDINATOR