



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Date: 10-12-2015

From,

H.O.D
Department of CSE,
AIET, Moodbidri

To,

IQAC Chairman
AIET Moodbidri

Respected Sir,

Subject: Proposal for conducting National Level Workshop on "Challenges in Cyber Security and Forensics" – reg.

We hereby propose to conduct National Level Workshop on "Challenges in Cyber Security and Forensics" to all teaching staff of various academia, industry persons and also research scholars on 18th and 19th Jan 2016

Kindly permit us to conduct workshop.

Thank you,

Your's sincerely

H.O.D.

Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

IQAC Chairman

PRINCIPAL

Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K

National Level Workshop on "Challenges in Cyber Security and Forensics"

18th & 19th January, 2016

REGISTRATION FORM

Name:.....

Designation:.....

Name of the Institution:.....

Address:.....

Phone:..... Fax:.....

Email:.....

Mobile:.....

Accommodation required: YES / NO

Registration Fee Payment Details :

Amount :.....

D.D. No. :.....

Bank :.....

Date:.....

Place:.....

Date:..... Signature of the Participant

ORGANIZING COMMITTEE

Chief Patron : **Dr. M. Mohan Alva**
Chairman, AEF

Patron : **Mr. Vivek Alva**
Managing Trustee, AEF

Chief Advisor : **Dr. Peter Fernandes**
Principal, AIET

Advisor : **Prof. Manjunath Kotari**
HOD, Dept. of CS & E

Convener : **Prof. Harish Kunder**
Dept. of CS & E

Co-convener : **Prof. Chanchal Antony**
Dept. of CS & E

Members : **Teaching &
Non Teaching Staff**
Dept. of CS & E

All correspondence to be addressed to

Prof. Harish Kunder

Department of Computer Science & Engg.,
Alva's Institute of Engineering & Technology
"Shobhavana", Mijar, Moodbidri – 574225
Mangalore, D.K., Karnataka, India
Phone: 08258 – 262724, 262725, Ext: 112
Fax: 08258 - 262726
Mobile: 9880980901, 9164161214
Email : harishkunder@aiet.org.in
Web: <http://www.aiet.org.in>



**Alva's Institute of
Engineering & Technology**

Mijar, Moodbidri - 574 274



National Level Workshop on "Challenges in Cyber Security and Forensics"

18th & 19th January, 2016



**Convener
Prof. Harish Kunder**

Organized By

Dept. of Computer Science & Engineering
Alva's Institute of Engg. & Technology
"Shobhavana", Mijar, Moodbidri-574225
Mangalore, D.K., Karnataka
Phone: 08258 – 262724, 262725, 262726
Email : cseaietworkshop@aiet.org.in
Web: <http://www.aiet.org.in>

MAHES INSTITUTE OF ENGG. & TECHNOLOGY

Mahes Institute of Technology, Mysur, Moodbidri is a premier Engineering Institute of MAHES Education Foundation, established in the year 2008, located adjacent to Mangalore-Sholapur National Highway, which is 24 kms from Mangalore International Airport. The college is recognized by All India Council for Technical Education (AICTE), New Delhi & Affiliated to Kuvempu Technological University, Belagavi. The college is certified to the ISO 9001:2008 standards. The college is ranked as one of the best Technical Institute in South-Canara region.

The institute offers under graduate programs in 5 branches of Engineering - Computer Science & Engineering, Civil Engineering, Electronics & Communications Engineering, Information Science & Engineering, Mechanical Engineering. The college offers the following Post Graduate programs- Master of Technology, Master of Business Administration. M.Tech courses offered in Thermal Power Engg., Computer Science & Engineering, VLSI Design & Embedded Systems. Four departments in the institute has been recognized as research centers by Kuvempu Technological University.

Department of Computer Science & Engineering

Department of Computer Science and Engineering started functioning from the year 2006, with an intake of 80 and has since increased to 20 from academic year 2012-13. The Post Graduate course, M.Tech in Computer Science and Engineering, was introduced from the academic year 2012-13 with an intake of 16 students. Department is actively involved in co-curricular and extra-curricular activities with association and professional bodies. Department of Computer Science & Engineering has always been on a high growth path since its establishment.

To keep pace with latest technologies, department has employed experienced and dedicated faculty with strong

commitment towards research work. The department is dedicated to education, research and overall excellence. The students are well placed in reputed industries as well as continuing higher education in the premier institutes. The Department of CSE organizes various events such as workshops, Seminars, Technical talks, delivered by eminent resource persons from academia & industry, who have excelled in their field.

The department regularly conducts special courses on advanced topics. Department of CSE encourages the faculty and students for participating in research activities for enhancing their subject knowledge and acquire information regarding current trends.

About Workshop

The main aim of the workshop is to focus on the various aspects of Cyber Forensics, Network Security, Information Security and Privacy concepts and its Management. Cyber Security involves protecting information such as Communication, Entertainment, Transportation, Shopping, Medicine and many more, by preventing, detecting, and responding to attacks. As a new problem area of great economic, political and technical interest, Cyber Security has attracted a lot of attention and focused efforts from governments, security industry and academia.

Target Audience

The workshop is open for the participants from academia and industry. Number of participants will be limited to 40. The selected participants will be informed of their selection by e-mail.

Registration Fee : Rs. 300/-

Last Date for Registration : 04/01/2016

Demand draft may be sent in favour of "THE PRINCIPAL, AIET" payable at Moodbidri.

Accommodation will be arranged with prior intimation in the college guest house.

Schedule of the workshop

Day 1: 18/01/2016

8:00 AM to 9:30 AM Registration

9:30 AM to 10:00 AM Inauguration

10:00 AM to 11:30 AM

Information Security & Management:

Information Security concepts, Cryptography

11:30 AM - 1:00 PM

Hacktivism, Cyber Warfare & Cyber Terrorism,

Virtualization & Cloud Security

1:00 PM to 2:00 PM

Lunch Break

2:00 PM - 3:15 PM

Risk Management, SDLC, Mobile & Android Security

3:15 PM to 3:30 PM

Tea break

3:30 PM - 5:00 PM

Information Security Management Business Continuity

& Disaster Recovery concepts

Day 2: 19/01/2016

9:00 AM to 10:30 AM

"Cyber Security and Forensics" Basic Concept

of Cyber forensics, Categories of Cyber forensics,

Evidence collection, Chain of Custody

10:30 AM to 10:45 AM

Tea break

10:45 AM - 1:00 PM

Systematic approach, Stand-alone system,

Networked system, Do's and don'ts at the SOC

1:00 PM to 2:00 PM

Lunch Break

2:00 PM - 3:15 PM

Introduction to Network security : Data protection,

Access control, Firewall Packet Sniffing, Privilege

escalation, Enumeration of shared files

3:15 PM to 3:30 PM

Tea break

3:30 PM - 4:30 PM

DoS and DDoS attacks, Laws, Investigation & Ethics

4:30 PM - 5:00 PM

Valedictory Function

Resource Person

Sri. Shashidhar CN

Hon. Past President, ISACA Bangalore,

Currently Hon. Director - Marketing

& Communications,

ISACA, Bangalore,

Managing Director and CEO,

SecuriT Consultancy Services LLP

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

National Level Workshop on "Challenges in Cyber Security and Forensics" 18th & 19th January, 2016

Participants Details

Sl No.	Name	Organization	Contact No	E-mail ID
1. ✓	HARISH KUNDER	AIET	9880980901	harishkunder@aiet.org.in
2. ✓	VENKATESH	AIET	9449754834	venkatesh207@jshel.in
3.	Vasudev Shapur	AIET	9008811246	shahapur_vasu@yahoo.co.in
4. ✓	TAHIR NAQUASH H.B	AIET	9036937735	tahirnaquash@gmail.com
5.	SUSHANT MANGASUT	AIET	9742164671	sushantm04@gmail.com
6. ✓	ARUNDHATI NEELI	AIET	9008450807	arundhati.neeli@gmail.com
7. ✓	REMUL PINTO	AIET	9986133191	pinto.remul@gmail.com
8. ✓	VIVEK SHARMA S	AIET	8553595757	vivek.sharings@gmail.com
9. ✓	Hemanth Kumar NP	AIET	9620000690	hemanthnp@gmail.com
10. ✓	Mangala Kini B	AIET	9481019201	mangala.kini91@gmail.com
11. ✓	Ankita Shetty	AIET	9632612607	ankishetty91@gmail.com

Y.H.P.

Ally
H.O.D.

Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

National Level Workshop on "Challenges in Cyber Security and Forensics" 18th & 19th January, 2016

Participants Details

Sl No.	Name	Organization	Contact No	E-mail ID
12	Harshitha G M	AIET	9844493561	harshithagm12@gmail.com
13	Mahegh. K. Kaluti	AIET	8884035393	mahegh.rkset@gmail.com
14	VIDYA	AIET	9535617836	vedgasbantwal@gmail.com.
15	GANESH-K	AIET	9741967319	ganeshk-444@yahoo.com
16	Deeksha M.	AIET	1353606361	deeksha2490@gmail.com
17	RITESH	AIET	9345524829	RKVARUDHARAd@gmail.com
18	PARIKSHITH	AIET	9916290621	Parizsn@gmail.com
19	Shruthi Shetty J	AIET	9964822891	shruthishettyj@gmail.com
20	Vineetha Pais	AIET	9739806688	pais.vineetha@gmail.com
21	Chanchal Antony	AIET	9986429981	antonychanchal@gmail.com
22	Meryl n Melita Mathias	AIET	9980729603	merlynmelita@gmail.com

H.O.D.
 Apt. Of Computer Science & Engineering
 Alva's Institute of Engg. & Technology
 Mijar, MOODBIDRI - 574 225

STANLEY PRADEEP AIET
 24 MANJUNATH RAIKA AIET

9845016965 stanu1989@gmail.com
 9972363973 railkar.manju@gmail.com

KH

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

"Shobhavana", Mijar, Moodbidri- 574225, Mangalore, D.K, Karnataka

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TWO DAY WORKSHOP ON "CHALLENGES IN CYBER SECURITY AND FORENSICS", 18th & 19th, January 2016

Feedback Form

Dear Participant,

Thank you for your keen participation in this workshop. We value your comments and evaluations which will help in our effort to be more responsive to the needs of the participants. Kindly fill the feedback form:

Name: Meslyn Melita Mathias Institute: AIET Mijar

Content	Excellent	Good	Needs Improvement	Poor
Covered Useful Material	{✓}	{ }	{ }	{ }
Practical to My needs and Interests	{ }	{ }	{✓}	{ }
Well Organized	{✓}	{ }	{ }	{ }
Presented at the Right Level	{ }	{✓}	{ }	{ }
Effective Activities	{ }	{✓}	{ }	{ }
How would you rate the hands-on activities	{ }	{ }	{✓}	{ }
Instructor's Knowledge	{✓}	{ }	{ }	{ }
Instructor's Presentation Style	{✓}	{ }	{ }	{ }
Instructor Covered Material Clearly	{ }	{✓}	{ }	{ }
Instructor Responded Well to Questions	{✓}	{ }	{ }	{ }
Overall, how would you evaluate this workshop training session?	{ }	{✓}	{ }	{ }

Any other comments or suggestions?

Improvement on Hands On

1 -> 0, 2 -> 6, 3 -> 5

M. Mathias
Signature

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK ANALYSIS

Workshop: Challenges in Cyber Security and Forensics

Resource Person: Sri. Shashidhar CN, Managing Director, SecuriT Consultancy Services Ltd.

Date: 18th to 19th Jan 2016

TOTAL FEEDBACK FORMS RECEIVED: 53

TOTAL NUMBER OF QUESTIONS: 11

Q. Number	Option 1 NOT AT ALL	Option 2 SOME WHAT	Option 3 VERY MUCH
All Questions	7	241	335
AVG	7/583 = 1.20%	241/583= 41.33%	335/583=57.46 %

Out of 53 students 57.46 % of students given very good feedback, the 41.33% had given moderate feedback and 1.20% had given low feedback.



Signature of the Coordinator



H.O.D.
Signature of the HOD, CSE
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Tech
Mijar, MOODBIDRI - 574 225



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 14-12-2015

To,

**The Principal
AIET, Mijar**

Respected Sir,

Sub: Budget plan for the Workshop on "Challenges in Cyber Security and Forensics" to be held on 18th & 19th, Jan 2016 reg.

Sl. No	Descriptions	Amount
1	Resource Person Remunerations 2 Persons 1,500 per hour for 2 days	18,000=00
2	TA/DA for Resource Persons (2 Persons from Bangalore)	3,000=00
3	Boarding and Lodging for Resource Persons	2,000=00
4	Printing of Brochures 300 Copies x 25 Rs(approx)	7,500=00
5	Postal Charges 300 Copies x 5 Rs(approx)	1,500=00
6	Food for 2 Days (Break fast + Lunch + Evening Tea for the participants 50 Numbers)	10,000=00
7	Printing of Certificates	1,500=00
8	Folders , Pen , Scribbling Pad etc	3,500=00
9	Banners 3 Nos.	1,500=00
10	For Stage arrangement (Water Bottles, Bouquet, Flowers, Oil, Xerox, etc)	2,000=00
Total		50,500=00

KMG
Workshop Coordinator
14/12/2015

[Signature]
PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K.

[Signature]
HOD
Dept. Of Computer Science & Engineering
Alva's Institute of Engineering & Technology
Mijar, MOODBIDRI - 574 225

19/01/2016

To,

The Principal

AIET, Mijar

Respected Sir,

Sub:- Account details of a Two day National Level workshop on " Challenges in Cyber Security and Forensics " held on 18th & 19th January 2016 – reg

- | | |
|--|----------|
| 1. Advance amount taken from the college..... | 28,000/- |
| 2. Registration Fee collected from External participants } CASH..... | 10,800/- |
| (Rs. 300/- each, No. of participants =44) } DD..... | 2,400/- |
| 3. Registration Fee collected from Internal participants..... | 4,800/- |
| (Rs. 200/- each, No. of participants =24) | |
| 4. Accommodation Fee collected from participants..... | 1,200/- |
| (Rs. 100/- each, No. of participants =12) | |

TOTAL.....Rs. 47,200/-

EXPENSES – paid by the department of CSE

- | | |
|---|----------|
| 1. Remuneration to the Resource person (Mr. Manjunath H R) | 9,000 /- |
| 2. Remuneration to the Resource person (Mr. Pradeep G) | 9,000/- |
| 3. TA to the Resource persons..... | 4,000/- |
| 4. Flower bouquet..... | 100 /- |
| 5. Mineral water to the Resource person..... | 100/- |

TOTAL.....Rs. 22,200 /-

EXPENSES – Account Pay

- | | |
|---|---------|
| 6. Brochure printing charge (Qty: 150) & Certificate (Qty :100) (Madhuba N)..... | 6,950/- |
| 7. Lunch , Morning Breakfast, Morning & Evening Tea(M/s Food court, AIET)..... | 9,186/- |
| 8. Banner (6"x4", 1 No) (Madhuba N)..... | 247 /- |
| 9. Folder, Pen & Note Pad (Qty : 66)..... | 2,514/- |

TOTAL.....Rs. 18,897 /-

Total expenses towards workshop.....Rs. 41,097

Balance to be refunded.....(Rs.47,200 – Rs. 22,200) = Rs. 25,000/-

{ DDRs. 2,400/- }

{ CASHRs. 22,600/- }

KH
Coordinator
19/01/2016

PRINCIPAL

Alva's Institute of Engg. & Technology
Mijar, MOOBBIDRI - 574 225, D.K

HOD

Post. Of Computer Engg. & Technology
Mijar, MOOBBIDRI - 574 225



ALVA'S EDUCATION FOUNDATION (R.)

MOODBIDRI - 574 227, D.K.

DEBIT / CREDIT VOUCHER

Date Jan 2016

No. :

Sl.No.	Particulars	College Code	Debit (₹)	Credit (₹)
a	Remuneration	AL	18,000/-	
b	Travelling expenses	AL	3000/-	
c	Boarding & Lodging	AL	2000/-	
d				
e				
PAYABLE / RECEIVABLE			23,000/-	
TOTAL			23,000/-	

Rupees Twenty three thousand only

Narration Mr. Manjunath HR and Mr. Har Pradeep G

KHP
Prepared by

Principal
Principal

A.O.

Alva's Institute of Engg. & Technology,
Mijur, MOODBIDRI - 574 225, D.K.

Authorised by

Receiver's / Remitter's Signature

Dept. of Computer & Engineering
Alva's Institute of Engg. & Technology,
Mijur, MOODBIDRI - 574 225, D.K.



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

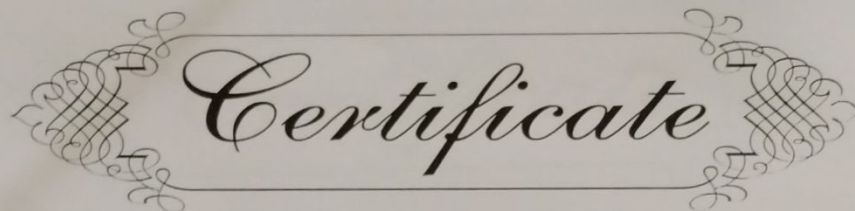
(A Unit of Alva's Education Foundation @, Moodbidri)

Shobhavana Campus, Mijar, Moodbidri - 574225,
Mangalore, D.K.

(An ISO 9001:2008 Certified Institution, Affiliated to VTU, Belagavi,
Recognized by DTE, Govt. of Karnataka and Approved by AICTE, New Delhi)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



This is to certify that Mr./~~Mrs~~/Ms. **PARIKSHITH NAYAKA S.K**.....
of **AIET, MIJAR**..... attended the

National Level Workshop on **“Challenges in Cyber Security and Forensics”**

held on 18th - 19th January, 2016.

Co-ordinator
(Prof. Harish Kunder)

H.O.D.
(Prof. Manjunath Kotari)

Principal
(Dr. Peter Fernandes)



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Conference/Workshop Organised

REPORT on Workshop – Challenges in Cyber Security and Forensics

(18th & 19th January, 2016)

The Department of Computer Science & Engineering organized a two days workshop on “**Challenges in Cyber Security and Forensics**” during 18th & 19th January, 2016. The workshop was inaugurated by Dr. Dinesh Rangappa, Chairman of Dept. of Nanotechnology, Muddenahalli. Mr. Chanchal Antony, Assistant Professor, Dept. of Computer Science & Engineering welcomed the gathering. Prof. K V Suresh introduced the chief guest to the gathering. The Principal Dr. Peter Fernandes presided over the function.





Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

DAY 1(18TH JAN 2016)

The resource person for the workshop was Er. Pradeep G, Trainer Data Life Cycle Pvt. Ltd., Bangalore.

The workshop commenced with the discussion on the basics of networks. He discussed the concepts of routing in networks followed by the types of routing, including some of the basic routing protocols such as Routing Information Protocol (RIP) and Open Shortest Path First Protocol (OSPF). He briefly explained the concepts and working of the two protocols. He then proceeded to explain the various tools available for packet tracing such as CPTT (Cisco Packet Track Tracer) and GNS3 which is used as simulation software when the network is complex.

DAY 2 (19TH JAN 2016)

Day 2 started with the discussion on EIGRP protocol (Enhanced Interior Gateway Routing Protocol) and how is it different from RIP and OSPF. The basics of IPv4 and IPv6 were also discussed along with its uses and its pros and cons. The discussion went further as to how we can convert IPv4 address to IPv6 address and a small demonstration on configuring IPv6 protocol through command line interface.