Name : Mahendra Mehra

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CEH ™
Certified | Ethical | Hacker

1. Experience

INSTITUTE(1):	FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING(F.R.C.R.C.E), BANDRA(W)
DESIGNATION:	ASSISTANT PROFESSOR
DURATION:	JUNE 2014 - TILL DATE
RESPONSIBILITY:	TEACHING, MENTORING, COURSE COORDINATOR, INTERNSHIP INCHARGE
INSTITUTE(2):	SARDAR PATEL INSTITUTE OF TECHNOLOGY ,ANDHERI(W)
DESIGNATION:	LECTURER
DURATION:	SEP 2009 - MAY 2014
RESPONSIBILITY:	TEACHING, MENTORING, RESEARCH ASSIST, COURSE COORDINATOR

2. Education

DEGREE	COLLEGE	UNIVERSITY	YEAR	PERCENTAGE	CLASS.
PHD COMPUTER ENGINEERING	THADOMAL SAHANI	MUMBAI	2019	PURUSING	
M.E (COMPUTERS)	SARDAR PATEL INSTITUTE OF TECHNOLOGY	MUMBAI	2013	73.29%	DISTINCTION
B.E (IT)	SARDAR PATEL INSTITUTE OF TECHNOLOGY	MUMBAI	2009	69.26%	FIRST CLASS
DIPLOMA (COMPUTERS)	THAKUR POLYTECHNIC	MUMBAI	2006	80.08%	FIRST CLASS
S.S.C	ST ALOYSIUS HIGH SCHOOL, MUMBAI	MAHARASHTRA STATE BOARD	2003	71.86%	FIRST CLASS

3. Field of Expertise		
Sr. No.	Field	Supporting Documents
1	**Cloud Computing**	• Completed M.E in Computer Engineering in the area of Mobile Cloud Computing • Developed a Cloud based "Virtual computing lab" at SPIT, winners of Silver EDGE 2010 Award from Network Computing. • Expertise on creating private cloud using Eucalyptus and Open Stack. • Expertise on dealing with Amazon Web service on Amazon Cloud
2	**Information Security**	• Certified Ethical Hacker V8 By EC-COUNCIL,USA • Conducted various workshops, STTP's and FDP's on system security, web security and ethical hacking at various platforms. • Completed a three months CDEEP course on network security conducted by spit in collaboration with IITB. • Presented Paper Titled "Protecting Global SOA From Dos And Other Security Threats" In ISA Conference, Held In South Korea
3	**Computer Networks**	Published Two books under Willey publication on • Computer Networks • Advanced Computer Networks
4	**Linux System Administration**	• Taught subjects like Linux lab. • Conducted various workshops on Linux system administration • Proficiency in configuring Linux servers.
5	**DevOps**	• Worked on Containerization, Continuous Automation, Continuous integration, Continuous monitoring. • Member of syllabus Design committee for DevOps Subject, Information Technology, Mumbai University. • Conducted various workshops on IT Infrastructure management using DevOps at AICTE-ISTE approved STTP's

4	**Digital Forensics**	• Conducted various workshops on digital forensics at AICTE-ISTE approved STTP's

4. Participant / Resource Person in Training Program					
Sr. no	**Program Details**	**Academic Year**	**Participant / Resource Person**	**Duration (2 weeks/ 1 week/days)**	**Supporting Documents**
1	AICTE-ISTE STTP ON DEVOPS AT XAVIERS INTITUTE OF ENGINEERING, MAHIM	2nd-8th January 2020	**KEYNOTE SPEAKER, RESOURCE PERSON**	5 Days	Appreciation letter
2	ORIENTATION PROGRAMME ON DEVOPS AT XAVIERS INTITUTE OF ENGINEERING, MAHIM	2ND January 2020	**RESOURCE PERSON**	1 Day	Appreciation letter
3	AICTE-ISTE STTP ON DEVELOPING AND MANAGING IT INFRASTRUCTURE USING DEVOPS AT UCOE, VASAI	9th-13th December 2019	**RESOURCE PERSON**	3 Days	Appreciation letter
4	AICTE-ISTE STTP ON DEVOPS AND R PROGRAMMING AT SIES GRADUATE SCHOOL OF TECNOLOGY, NERUL, NAVI MUMBAI	16TH-21st December 2019	**KEYNOTE SPEAKER, RESOURCE PERSON**	3 Days	Appreciation letter
5	AICTE-ISTE STTP ON ADVANCED COMMUNICATION TECHNOLOGIES AND SECURITY ASPECT AT SAKEC, CHEMBUR	3rd July 2019	**RESOURCE PERSON**	1 Day	Appreciation letter
6	AICTE-ISTE APPROVED STTP INFRASTRUCTURE SECURITY AT XAVIERS COE, MAHIM	27th-29th June 2019	**RESOURCE PERSON**	3 Day	Appreciation letter
7	AICTE-ISTE APPROVED STTP DIGITAL FORENSICS TOOLS AND TECHNIQUES AT THADOMAL SHAHANI COLLEGE OF ENGINEERING, BANDRA	5th - 8th January 2019	**RESOURCE PERSON**	3 Days	Appreciation letter
8	STUDENT DEVELOPMENT PROGRAMME ON INFRASTRUCTURE SECURITY AT THE DEPARTMENT OF INFORMATION TECHNOLOGY, UNIVERSAL COLLEGE OF ENGINEERING,VASAI	14th Aug, 2019	**RESOURCE PERSON**	1 Day	Appreciation letter
9	AICTE-ISTE APPROVED STTP ON ENTERPRISE NETWORK DESIGN AND INFRASTRUCTURE SECURITY AT XAVIERS COE, MAHIM	27th-29th June 2019	PARTICIPANT	1 Week	ISTE-STTP CERTIFICATE

10	ETHICAL HACKING WORKSHOP AT FRCRCE FOR MOZILA CAMPUS CLUB CRCE	1st September 2018	**RESOURCE PERSON**	1 Day	Appreciation letter
11	ETHICAL HACKING WORKSHOP AT FRCRCE FOR CSI	19th January 2017	**RESOURCE PERSON**	1 Day	Appreciation letter
12	FOUNDATION PROGRAMME ON ICT IN EDUCATION: FDP101X AND FDP201X	2017	PARTICIPANT	2 Weeks	ENROLLED
13	CYBER SECURITY ON IOT AND CLOUD	2017	PARTICIPANT	1 Week	ISTE-STTP CERTIFICATE
14	1 WEEK STTP ON "INTERNET OF THINGS"	2016	ATTENDEE	1 Week	-
15	TECHNICAL SESSION ON VIRTUALIZATION AND DEVOPS CONCEPTS AT INFORMATION TECHNOLOGY DEPT, FR.C.R.C.E	24th August 2016	**RESOURCE PERSON**	1 Day	Appreciation letter
16	CYBER SECURITY WORKSHOP AT SPIT, ANDHERI	8th -9th October 2016	**RESOURCE PERSON**	2 Day	Appreciation letter
17	DIGITAL FORENSICS FDP AT FRCRCE, BANDRA	29th-30th JANUARY 2016	**RESOURCE PERSON**	2 Days	Appreciation letter
18	GUEST LECTURE ON "CONFIGURATION OF NETWORK FILE SYSTEM" AT INFORMATION TECHNOLOGY DEPT, FR.C.R.C.E	16th MARCH ,2016	**RESOURCE PERSON**	1 Day	Appreciation letter
19	DEVOPS TECHNIQUES TRAINER FOR STUDENT DEVELOPMENT PROGRAM, THAKUR COLLEGE OF ENGINEERING, KANDIVALI(W)	4th August 2016	**RESOURCE PERSON**	1 Day	Appreciation letter
20	OPEN SOURCE SECURITY TOOLS SYSTEM AND WEB SECURITY HANDS-ON TRAINING AT FRCRCE, BANDRA	3RD FEBRUARY 2015	**RESOURCE PERSON**	1 Day	Appreciation letter
21	FACULTY DEVELPOMENT PROGRAMME ON SYSTEM AND NETWORK ATTACK LABORATORY AT FRCRCE , BANDRA	13TH AND 14TH FEBRUARY, 2015	**RESOURCE PERSON**	2 Days	Appreciation letter
22	GUEST LECTURE ON ARP SPOOFING AT KJ SOMAIYA COLLEGE OF ENGINEERING,VIDYAVIHAR	19TH MARCH ,2015	**RESOURCE PERSON**	1 Day	Appreciation letter
23	NETWORK THREATS AND ATTACK	6TH,7TH AND	**RESOURCE**	3 Days	Appreciation letter

		STTP, XAVIERS COLLEGE OF ENGG, MAHIM	9TH JULY 2015	**PERSON**		
24		**NETWORK SECURITY ATTACK AND MITIGATION AT FRCRCE, BANDRA**	12TH-13TH aUGUST 2015	**RESOURCE PERSON**	2 Days	Appreciation letter
25		**ETHICAL HACKING WORKSHOP THADOMAL SAHANI CENTRE FOR MANAGEMENT ,BANDRA**	19TH AUGUST 2015	**RESOURCE PERSON**	1 Day	Appreciation letter
26		**GO-PRO NETWORKING WORKSHOP FOR IEEE AT FRCRCE,BANDRA**	1ST-2ND OCTOBER 2015	**RESOURCE PERSON**	2 Days	Appreciation letter
27		**BIG DATA ANALYTICS**	2015	PARTICIPANT	1 Week	ISTE-STTP CERTIFICATE
28		**ADVANCED INTERNET TECHNOLOGIES**	2015	PARTICIPANT	1 Week	ISTE-STTP CERTIFICATE
29		**TRAINING PROGRAM ON COMPUTER NETWORKS AT FRCRCE, BANDRA**	July 2014	**RESOURCE PERSON**	1 Week	Appreciation letter
30		**WEB DEVELOPMENT AT FRCRCE,BANDRA**	31st August, 6th and 7th September 2014	**RESOURCE PERSON**	3days	Appreciation letter
31		**ETHICAL HACKING AT FRCRCE,BANDRA**	21st September, 2014	**RESOURCE PERSON**	1 Day	Appreciation letter
32		**LINUX WORKSHOP AT SPIT AND FRCRCE BANDRA**	4 consecutive years	**RESOURCE PERSON**	One Week	Appreciation letter
33		**DATABASE MANAGEMENT SYSTEMS TWO WEEKS STTP, SPIT, ANDHERI**	2013	**TEACHING ASSISTANT**	2 Week	ISTE-STTP CERTIFICATE
34		**NETWORK SECURITY**	2012	PARTICIPANT	3 Months	CDEEP CERTIFICATE

5. Research Publications

Sr. no	Publication Details		Academic Year	Co - author	Supporting Documents
1	**CAPTCHA TECHNIQUE TO PREVENT DENIAL OF SERVICE ATTACKS,** ICWET 2011 CONFERENCE, INDIA, **ISBN:** 978-1-4503-0449-8		2011	Author	Certificate

2	AUTHENTICATION USING DYNAMIC VIRTUAL KEYBOARD LAYOUT WITH USABILITY TRADE-OFF ICWET 2011 CONFERENCE, INDIA **ISBN:** 978-1-4503-0449-8	2011	Co-Author	Certificate
3	GLOBAL SOA RSS BASED WEB SERVICES REPOSITORY AND RANKING ICIW 2010 CONFERENCE, SPAIN **ISBN:** 978-1-4244-6728-0	2010	Author	Paper Copy
4	PROTECTING GLOBAL SOA FROM DOS AND OTHER SECURITY THREATS ISA 2009 CONFERENCE , SOUTH KOREA **ISBN:** 978-3-642-02617-1	2009	Author	Certificate
5	MITIGATING DOS USING HANDLERS FOR GLOBAL SOA KINGSTON UNIVERSITY JOURNAL 2010, UK. **ACCESSION:** 5395336	2010	Author	Paper Copy
6	MOBILE CLOUD BASED COMPILER : A NOVEL FRAMEWORK FOR ACADEMIA, IJOART2013 ,ISSN 2278-7763, APRIL ISSUE **ISSN:** 2278-7763	2013	Author	Paper Copy
7	BATTERY OPTIMIZATION OF ANDROID OS, (IJCSIT) INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES, VOL. 6 (5) , 2015, 4361-4363 **ISSN:** ISSN:0975-9646	2015	Co-Author	Paper Copy
8	MOBILE COMPUTING ON ANDROID USING CLOUD INFRASTRUCTURE, INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND MOBILE COMPUTING, VOL.4 ISSUE.11, NOVEMBER- 2015, PG. 77-83, **ISSN:** ISSN:2320-088X	2015	Author	Paper Copy
9	A TOOL FOR PREVENTING THE METASPLOIT ATTACK ON THE ANDROID OS, INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND COMMUNICATION NETWORKS (IJCSCN) VOL5 ISSUE5, **ISSN:** ISSN 2249-5789	2015	Co-Author	Paper Copy
10	SURVEY OF KEYSTROKE DYNAMICS AS A BIOMETRIC FOR STATIC AUTHENTICATION.	2016	Co-Author	Paper Copy

	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND INFORMATION SECURITY, VOL. 14, NO. 04, JANUARY 2016 **ISSN:** ISSN 19475500			
11	**A SURVEY REPORT ON TECHNIQUES FOR DATA CONFIDENTIALITY IN CLOUD COMPUTING USING HOMOMORPHIC ENCRYPTION** VOLUME 8, NO. 9, SEPTEMBER-OCTOBER 2017 INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE DOI:HTTP://DX.DOI.ORG/10.26483/IJARCS.V8I9.4746	2017	Co-Author	Paper Copy
12	**AN IOT BASED SMART CUBICLE SYSTEM FOR EFFECTIVE POWER USAGE AND EMPLOYEE MONITORING IN OFFICES** IEEE: INTERNATIONAL CONFERENCE ON SMART CITY AND EMERGING TECHNOLOGIES, 5 JAN. 2018 ELECTRONIC ISBN: 978-1-5386-1185-2 DOI: 10.1109/ICSCET.2018.8537319	2018	Co-Author	Paper Copy
13	**WEB APPLICATION FOR PROVIDING IMMERSIVE DEVELOPMENT & VISUALIZATION OF WEB PAGES** International Journal of Advanced Research in Computer Science, Vol 9, No 3 (2018) May - June 2018 DOI: https://doi.org/10.26483/ijarcs.v9i3	2018	Co-Author	Paper Copy
14	**Data Mining in Educational Systems for Effective Student Mentoring** 2019 IEEE International Conference on Advances in Computing, Communication and Control, *20-21ST December 2019*	2019	Author	Certificate
15	**Home Security System using IOT and AWS Cloud Services** 2019 IEEE International Conference on Advances in Computing, Communication and Control, *20-21ST December 2019*	2019	Author	Certificate

6. Funded R & D Projects and Consultancies

Sr. no	Details	Academic Year	Supporting Documents
1	**Minor Research Grant** **"An IoT based students Attendance management system for automated report generation and analysis using data mining."**	2017	Official letter
2	**IEDC PROJECT:**	2016-17	REPORTS

	H.E.L.P		

7. Contributory Efforts (developing course/laboratory modules, etc)

Details	Academic Year	Administrative Role	Supporting Documents
Member of Syllabus Committee, developed course module for DevOps Lab for Information Technology	2017-2020	Member of syllabus committee	Certificate, orientation programme letter.

8. Contributory Efforts (conducting short-term courses/workshops, etc)

Sr. no	Details	Academic Year	Duration (2 weeks/ 1 week/days)	Resource persons	Target audience	Supporting Documents
1	Organized and conducted Two day, FACULTY DEVELPOMENT PROGRAMME on "SYSTEM AND NETWORK ATTACK LABORATORY"	13TH AND 14TH FEBRUARY ,2015	2 days	1.Mr. Dhaval Sonawane, Jp Morgan 2. Dr. Dayanand Ambawade, Associate Professor, SPIT 3. Prof Mahendra Mehra, Assistant Prof, FRCRCE	Faculty from Engineering colleges , Research Scholars and Industry personnel	Appreciation letter, Report
2	Organized and conducted two day Faculty Development Programme on "DIGITAL FORENSICS"	29TH-30TH JANUARY 2016	2 days	1.Prof Nilakshi Jain, Assistant Prof, Shah And Anchor College 2.Prof Mahendra Mehra, Assistant	Faculty from Engineering colleges , Research Scholars and Industry personnel	Appreciation Letter, REPORT

				Prof, FRCRCE		
3	**Organized Unscript Hackathon at Inter college level**	MARCH 2018 AND 2019	24 hrs Hackathon	3.Judges, Mentors from Industry	Students from various Engineering colleges	Appreciation Letter, REPORT

9. Enhancement of Qualification					
Sr. No	**Title of the Degree**	**Academic Year**	**Duration**	**University/ Institute**	**Supporting Documents**
1	M.E "Computer Engineering"	2012-2013	2 years	Sardar Patel Institute of Technology	Degree Certificate
2	Diploma in Computer Engineering	2006	3 year	Thakur Polytechnic	Diploma Certificate
3	Certified Ethical Hacker v8	2015	40 hours training	EC COUNCIL, USA	Certificate
4	Certified DevOps Expert Trainer	2020	4 Months	Star Certification	Certificate
5	CLOUD COMPUTING	2017	12 WEEKS	NPTEL	Certificate
6	Introduction to IOT	2018	12 WEEKS	NPTEL	Certificate
7	Ethical Hacking	2019	12 WEEKS	NPTEL	Certificate

10. Membership in Societies/professional bodies			
Sr. No	**Name of Society**	**Year of Joining**	**Supporting Documents**
1	ISTE	2014	Certificate

11. Any other responsibilities/achievements			
Sr. No	**Details**	**Academic Year**	**Supporting Documents**
1	REVIEWER, MODERATOR FOR ICAC3 2019 AT FR.C.R.C.E, BANDRA	2019	letter
2	CORDINATOR FOR THE FR.C.R.C.E MEMORIAL HACKATHON "UNSCRIPT"	2017-20	Official letter
3	SPOC FOR THE SMART INDIA HACKATHON CONTEST 2017,2018 & 19	2017-18-19	Official letter

4.	SPORTS INCHAGRE	2017-18	Official Notice
5	MEMBER OF CRMD TEAM	2017	Official Notice
6	MENTOR FOR THE TEAM PARTICIPATED IN THE SMARTINDIA HACKATHON 2017 CONTEST	2017	Official certificate
7	MINOR RESEARCH GRANT APPROVED FOR 2016-17	2017	Official letter
8	MEMBER OF SYLLABUS COMMITTEE FOR INFORMATION TECHNOLOGY	2017	Official letter
9.	PLACEMENT CO-ORDINATOR	2016-17	Official letter
10	CO-ORDINATOR FOR E-CELL EVENT (MUMBAI STARTUP FEST 2016)	2016	Report and photographs
11	INCHARGE OF CLOUD COMPUTING AND NETWORK SECURITY LAB.	2015-2017	Departmental Mail
12	INCHARGE OF INTERNSHIP PROGRAMME CONDUCTED IN COMPUTER ENGG DEPT	2014-18	Reports And Appreciation Letter
13	CULTURAL INCHARGE(EUPHORIA 2016 CORDINATOR)	2016	Official Mail, Report
14	CONVOCATION CEREMONY 2016 CORDINATOR	2016	Report, Photographs
15	INDUSTRIAL VISIT COORDINATOR	2015-16	Official mail , report, photographs
16	MEMBER OF COMMITTEE 'B' FOR NBA DOCUMENTATION	2014	Reports
17	MODULE CORDINATOR FOR COMPUTER NETWORK DOMAIN AT THE ICAC3 PAPER CONFERENCE	2014	Reports
18	**DEVELOPED** A CLOUD BASED"**VIRTUAL COMPUTING LAB**" AT SPIT, WINNERS OF **SILVER EDGE 2010 AWARD** FROM NETWORK COMPUTING.	2010	Reports
19	**PRESENTED** PAPER TITLED "PROTECTING GLOBAL SOA FROM DOS AND OTHER SECURITY THREATS" IN **ISA CONFERENCE, HELD IN SOUTH KOREA** IN JUNE 2009.	2009	Certificate

Place and Date: Mumbai   **Signature: Prof. Mahendra Mehra**

Mumbai (15/01/2020)