

MONALI NITESH SHETTY

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EXPERIENCE

2006 –till Date Fr. Conceiao Rodrigues College of Engineering, Mumbai

Designation:

- 2008-Till date : Assistant professor
- 2006 – 2008 : Lecturer

Additional Responsibilities:

- NAAC Coordinator 19-20
- TedxCRCE Coordinator 19-20
- NIRF Ranking team member 18-19
- Placement Faculty Coordinator 2018-19, 19-20
- Placement Faculty Coordinator 2015-16
- CESA Teacher Incharge since from 2011-2013.
- ACM Teacher Incharge from 2013-14.
- Lab Incharge – Computer Network Lab
- Class Teacher - Class Teacher of B.E (2012-16 sem-VII)
- Floor Incharge – 9th Floor

Dec-2005 to Feb 2006: M.L.Dahanukar College(Vile Parle),Mumbai

Designation: Lecturer

Oct-2003 to Nov 2005: - Extreme Soft Management Pvt. Ltd. Designation: -
Software Developer

Aug-2002 to Sept-2003: Yashwantrao Chavan Mukta Vidyapeeth,Nasik

Designation : Lecturer

BOOKS PUBLISHED

1. "Advanced Security System and Digital Forensic" , Techknowledge Publication , Computer Enginnering, Mumbai University [Publication Year 2019]
2. "Data Warehousing " for TYBSC , TECHMax Publication, Mumbai University[Publication Year 2015]
3. "Data Warehousing and Mining" for B.E. Engineering (Computer Engineering) , Nandu Publication, Mumbai University[Publication Year 2016]

SMALL DURATION COURSES

1. NPTEL Online Course on "Data base Management Systems", 12 weeks – July to Oct

2018	
<ol style="list-style-type: none"> 2. NPTEL Online Course on “Blockchain Architecture Design and Use Cases” , 8 weeks – Aug to Sept 2018 3. NPTEL course of 8 weeks on “Information security-IV” from 5th Feb – 26th March, 2018 4. NPTEL Online Course on “Introduction to Modern Application Development” - IIT Mumbai, for 4 weeks , score 71% 	
Interacton	
<ol style="list-style-type: none"> 1. Reviewer for “Open Science Publication” 2. Reviewer for International conference on Advanced Computing Technologies and Applications 3. Reviewer for ICAC3’17 International conference on Computing Communication and control,2017 	
IMPORTANT OTHER RESPONSABILITIES	
	<p>2019-20: NAAC Coordinator 19-20</p> <p>2019-20 : TedxCRCE Coordinator</p> <p>2018-19, 19-20 : Faculty Placement coordinator</p> <p>2017-18 : E-Cell Coordinator</p> <p>2017: Organizing committee member in ICAC3’17</p> <p>2015: Coordinator of Schedule Committee and member of food committee – 4th International Conference on Advances in Computing, Communication and Control, 2015 (ICAC3’15)</p> <p>2013: Member of Food committee – 3rd International Conference on Advances in Computing, Communication and Control, 2013 (ICAC3’13)</p> <p>2009 : Member of Food committee – 1st International Conference on Advances in Computing, Communication and Control, 2009 (ICAC3’09)</p> <p>2008 : Member of Food committee and Brochure and Web Site Committee - National Conference on Algorithms (NCA), 2008.</p> <p>2014- Judge Of AdMad Show in Crescendo</p> <p>2014 – Judge Of Solo Dance , Face Painting In Euphoria</p> <p>2013 - Judge Of Solo Dance In Euphoria</p>

EDUCATION	
	<p>2010 – 2012 MTECH (Computer Engineering) from N.M.I.M.S , Vileparle(w), GPA - 3.75, CGPA – 3.30 B.E (Computer Engineering) from Pune University, (First Class) H.S.C from Jijamata Girls Highschool, Pune University,(First Class with Distinction)</p> <p>Additional Qualification: Diploma In Computer Repair And Assembly (Tata Consultancy Services ISO 9002)</p>
PUBLICATIONS	
	<p>In International Journals</p> <ol style="list-style-type: none"> 1. Monali Shetty "Hybrid approach for Detection and Analysis of SQL and XSS vulnerabilities" , International Journal of Engineering Trends and Technology , Volume-59 Number-1, 2018 2. Mrs. Ashwini Pansare,Monali Shetty "Mood detection based on facial expressions", International Journal of Engineering Trends and Technology" volume 48, 4-June 2017 3. Monali Shetty,Alex Chirayath1, Shyam Padia2, Alfred Gonsalves, "Cryptographic Key Exchange using Dual Tone Multi Frequency Generator", International Journal of Innovative Research in Computer and Communication Engineering (An ISO 3297: 2007 Certified Organization) Vol. 3, Issue 11, November 2015 4. Monali Shetty, Priyali Patil, Akshita Gandotra, Shivam Mishra ,"An Efficient Mobile Voting System Scheme Based on Elliptic Curve Cryptography", International Journal of Scientific & Engineering Research, Volume 6, Issue 4, April-2015 , ISSN 2229-5518 5. Monali Shetty. "Analysis of Elliptic Curve Cryptography for Mobile Banking" published in International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 3 Issue 7, July - 2014 , www.ijert.org 6. Ms. Monali Shetty, "Data mining techniques for real time intrusion detection systems" published in "International journal of scientific & Engineering Research, vol 3, issue 4, April 2012." ISSN 2229-5518
AREA OF SPECILIZATION	
	<ul style="list-style-type: none"> • System Security <ul style="list-style-type: none"> ○ Developed project "Real Time Intrusion Detection System" as a MTECH project. ○ Published 4 technical paper in the area of System Security.

	<ul style="list-style-type: none"> ○ Taught subject System Security & Cryptography and system security many times ○ Guided final year projects in the area • Network and Communication ○ Taught subjects like Computer network , Advanced Computer Network and Mobile communication and computing at under graduate level.
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SUBJECTS HANDLED

UNDER GRADUATE LEVEL	Subject	Semester	Experience
	System Security	VII (Comp)	8
	Advanced Computer Network	VI(Comp)	3
	Mobile Communication and Computing	VI(COMP)	5
	Web Technology Theory & Laboratory	V(Comp)	5
	Discrete Structure And Graph Theory	III (Comp)	4
	Computer Network	V(IT)	2
	Theory Of Computer Science	V (comp)	1
	Internet Programming	IV(IT)	2
	Computer Programming Lab (CPL-Java)	V(IT)	2

PARTICIPATION IN TRAINING PROGRAMS:

1. Faculty development Program , Govt. Officials training on “Blockchain Technology”, VJTI, 30th Sept – 4th Oct, 2019
2. ISTE approved STTP on “Pedagogy for effective Integration of Information & Communication Technologies (ICT) in Engineering Education” at Shah & Anchor K. Engg College , 3rd-8th May 2018
3. FDP on “ Perl and Python”, on 12th – 13th January, 2018
4. ISTE approved STTP on “Cyber security on IOT and Cloud ” at Fr. CRCE, 3 July- 7 July 2017
5. Attended 2 days training on “R Programming” ,organized by Fr. CRCE, Bandra on 5th & 6th August 2016.
6. ISTE approved STTP on “Internet Of Things” at Fr. CRCE, 27 June-1 July 2016
7. Attended 1 day workshop on “ NPTEL awareness workshop” , organized by K.J.Somaiya institute of engineering & information technology on 8th Jan,2016.

	<ol style="list-style-type: none"> 8. Attended 2 days training on "System and Network attack laboratory", organized by Fr. CRCE, Bandra on 13th & 14th Feb,2015. 9. Attended orientation program on "Mobile Communication and Computing" organized by Pillai COE, Rasayani on 8th Jan, 2015 10. Attended 1 week ISTE approved STTP on "Digital Forensic" organized by Fr.CRCE, Bandra during 11-Nov-2014 to 15-Nov-2014. 11. Attended 2 week ISTE approved STTP on "Moving Towards Open Source" organized by Vidyalankar Institute Of Technology, June25-July 6, 2012 12. Attended 1 week ISTE approved STTP on "Multimedia Systems & Human Computer Interaction" organized by Vivekanand Education Society's Institute of Technology from 9th-13th July,2012. 13. Completed 1 month industrial training on "Web Upgradation and Security" in Armstrong Pvt. Ltd, Nasik from 14-11-2011 to 3-01-2012. 14. Completed training on "Object Oriented Analysis and Design using UML with essentials of Rational Software Architect", Organized by IBM from 15th-18th April, 2009 15. Attended 2 days workshop on "Introduction to geometric algorithms" organized by Fr.CRCE, Bandra during 22nd-23rd July,2008. 16. Attended 1 week ISTE approved STTP on "Robotics and Its Application" organized by Fr.CRCE , Bandra, from 26-5-2008 to 30-5-2008. 17. Attended 2 days workshop on "JAVA 2 Enterprise Edition (J2EE)" organized by Fr.CRCE, Bandra during 1st-2nd Jan,2008. 18. Attended course on "Java Opensource & IBM Tools", organized by SPIT, Andheri from 11th-14th July,2007
CONTRIBUTORY EFFORTS	
	<p>Organizing seminars, workshops, etc (coordinator, committee member, etc)</p> <p>Program Title : on "Stress Management & Yoga for Healthy Life" Duration : 2 days Dates : 3 Feb – 4th Feb, 2017 Audience : Faculties Administrative Role: Cordinator</p> <p>Program Title : on "IOT" Duration : 5 days Dates : 27th May – 1st July 2016 Audience: Students, Faculties</p>

	<p>Administrative Role: Registration</p> <p>Program Title: on “EJB and Collections” Duration: 2 Days Dates: 24,25 August 2012 Audience: Students, Faculties Administrative Role: Coordinator of the program</p> <p>Program Title: on “Struts 2.0 Web Application Framework” Duration: 2 Days Dates: 10,12 Feb 2012 Audience: Students ,Faculties Administrative Role: Coordinator of the program</p> <p>Program Title: on “Digital Forensic” Duration: 1 week Dates: 11,12 March 2011 Audience: Faculties , M.E/Ph.D students Administrative Role: Study Material and CD Preparation</p> <p>Program Title: on “Research Problems in Computer Science & Information Technology” Duration: 1 Day Dates: 31 Aug, 2013 Audience: Faculties , M.E/Ph.D students Administrative Role: Venue Arrangement</p>
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MEMBERSHIP OF SOCIETIES

	Name of Society	Year of Joining	Membership Number
	Indian Society for Technical Education	2008	LM 57431
	Association For Computing Machinery	2014	ACM-4250610

PROJECT GUIDED

	Undergraduate:	
	Project Title	Year
	1.Selection of optimal team based on players performance in cricket 2. Virtual mouse using hand gesture	2019-20
	1. predicting product review helpfulness using machine learning and specialized classification models 2. energy demand forecasting in smart grids using cortana analytics suite 3. intelligent waste collector	2018-19
	1. Sentiment analysis through social media for personality prediction 2. MRI based brain abnormality detection system	2017-18
		2016-17

	<ol style="list-style-type: none"> Spam Filter For Email Security Cryptography Using Color and Voice Based Authentication 	
	<ol style="list-style-type: none"> SONIC – Social Networking Using Image Compression and Cloud Computing Server Security Threats Detection and Analysis 	2015-16
	<ol style="list-style-type: none"> Contextual Advertising Efficient Mobile Voting System Security using ECC 	2014-15
	<ol style="list-style-type: none"> Analysis Of Elliptic Curve Public Key Algorithm Web Vulnerability Scanner 	2013-14
	<ol style="list-style-type: none"> Web Based Medical Assistance for AIR INDIA 	2012-13
	<ol style="list-style-type: none"> Text to Speech Converter On Stream Verdict 	2011-12
ACHIEVEMENTS	<ol style="list-style-type: none"> Technical Paper Won second prize in TECHNOMANIA '16 held on 11th March,2016. Monali Shetty , Alex Chirayath¹, Shyam Padia², Alfred Gonsalves , “Cryptographic Key Exchange using Dual Tone Multi Frequency Generator” presented in Techno mania 2016. Technical Paper Won First prize in TECHNOMANIA '14 held on 14-15 March,2014. Monali Shetty , Swapnali , Tejas Puranic, Swati Jaybhaye,”Analysis of Elliptic curve cryptography for mobile banking “ presented in Techno mania 2014. 	
ANY OTHER RESPONSIBILITIES		
<ul style="list-style-type: none"> ➤ MEMBER OF COMMITTEE 'D' FOR NBA DOCUMENTATION FOR 2014-15 ➤ Faculty publications record maintainance for Year 2011-14. 		
University Approval: UG – CONCOL/SA/4155/2009		