

**Dr. LOKESH P.GAGNANI**

PhD (Computer Engineering)  
C U Shah University  
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**CAREER OBJECTIVE:**

To join an organization that provides me with an opportunity to grow that adds to my personality, both technologically and socially, so that I can learn new things and always be motivated to achieve greater heights.

**PERSONAL PROFILE:**

**Address** : **Permanent Address:**  
Sangath Silver,  
D/202,2<sup>nd</sup> Floor,  
Visat-Gandhinagar Road,  
B/H D Mart, Motera-380005  
AHMEDABAD

**Native Place** : Ahmedabad.  
**Contact No.** : (M) +91 9825428097  
**Date of Birth** : 15<sup>th</sup> February 1986.  
**Gender** : Male.  
**Ethnicity** : Indian.  
**Languages Known** : English, Hindi, and Gujarati.  
**E-mail** : [lokesh\\_jolly05@yahoo.co.in](mailto:lokesh_jolly05@yahoo.co.in)

**ACADEMIC OUTLOOK:**

**\* COLLEGE ACADEMICS (POST GRADUATION & GRADUATION: INFORMATION TECHNOLOGY):**

Degree	College	University	Yr Of Passing	Per(%) Or CPI	CLASS
B.E. (I.T)	C U Shah College of Engg & Tech	Saurashtra University (Wadhvan)	2007	68.5%	First Class with Dist
M.E. (I.T)	Shantilal Shah Engg College	GTU (Bhavnagar)	2012	8.38	First Class with Dist
PhD (C.E.)	C U Shah University	C U Shah University	2019	--	Pass

**\*SUBJECTS TAUGHT:**

Wireless Communication [WC]	Digital Logic Design [DLD]
Information Security [IS]	Database Management System [DBMS]
Computer Programming & Utilization [CPU]	Modeling Simulation & Operation Research [MSOR]
Computer Oriented Numerical Methods	<b>Software Forensics[SF]</b>
Object Oriented Analysis & Design	Computer Graphics
<b>Dissertation Phase-I, II</b>	Advance Java Technology [AJT]
<b>Advance Cryptography &amp; IS</b>	<b>Wireless Sensor Network</b>
Service Oriented Computing [SOC]	Computer Network
Cyber Security	<b>Research Skills</b>
<b>IT &amp; Infrastructure Management</b>	Core Java
<b>Business Analytics</b>	Data Mining & Business Intelligence
<b>Soft Computing</b>	Artificial Intelligence
<b>Web Technology</b>	Android Programming [Kotlin]

**SEMINAR DELIVERED/PAPER PUBLISHED:**

<b>SEMESTER/YEAR</b>	<b>SEMINAR/Paper</b>
<b>BE4<sup>th</sup>(March 2005)</b>	Wireless Communication-NCIT( Ahmedabad)
<b>BE 5<sup>TH</sup>(October 2005)</b>	ADSL(Asymmetric Digital Subscriber Line )-ETA(Rajkot)
<b>Dec 2011</b>	Image Security Using Matlab (IJCIS)-Paper Published
<b>Jan 2012</b>	ACM for Secure Image Communication(IJAST)-Paper Published
<b>March 2012</b>	Improved Image Cryptosystem using Chaos System(ICIKR-ETS)-Paper Presented[International Conference, Rajkot]
<b>April 2012</b>	Survey of Image Encryption Techniques [National Journal, GIT]
<b>Dec 2015</b>	Introduction to 3D chaotic map for Image Encryption [GJRA]-Paper Published
<b>Dec 2015</b>	Survey of 3D chaotic map techniques for Image Encryption[IJSR]-Paper Published
<b>Dec 2015</b>	Soft Computing as a tool in data mining: A Review(ICETSR-2015)[International Conference, Wadhwan]
<b>Sep 2016</b>	Clustering Optimization using Hybrid IFA-PSO and Kernel-based FCM [IJCAES]-Paper Published
<b>Feb 2017</b>	Classification Optimization using PSO-SSO based SVM (CICT-2017). Published in IEEE Xplore.
<b>April 2017</b>	A Review: Swarm Intelligence Techniques for Optimization problems in data mining (ICTPACT-2017)[International Conference, Chennai].
<b>Dec 2018</b>	DMTO with SC Approach(ICCII-2018). Published in Springer ASIC series. Book Chapter.

<b>June 2020</b>	MOAR Mining with SC Approach(ICOEI 2020). Published in IEEE.
<b>July 2020</b>	Computational Intelligence Techniques for Optimization Problems. Published at Elsevier SSRN. <a href="http://ssrn.com/abstract=3517154">http://ssrn.com/abstract=3517154</a>
<b>Oct 2020</b>	Product Key Activation for Software Products Using Collatz Conjecture and Asymmetric Key Cryptography. Accepted in "Materials today" (Elsevier Scopus)
<b>Nov 2020</b>	An Efficient IOT based alert intrusion system for generative mobile data stream application. Published in European Journal of Molecular & clinical Medicine (Scopus Indexed)

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**HOBBIES:**

- Making Electronic Circuits/Projects.
- Reading Technical Magazines.
- Photography.
- Listening Music.

**TRAINING/THESIS:**

<b>SEMESTER</b>	<b>PROJECT/THESIS</b>
<b>B.E 8<sup>TH</sup></b>	Back Office for Share Broker/Security
<b>M.E.</b>	Image Encryption and Decryption Using Matlab
<b>PhD</b>	Soft Computing Techniques in Data Mining

**STRENGTH AND WEAKNESSES:**

- **STRENGTH:**  
\*Punctual, Obedient, Sincere, Truthful, Helpful, Team Work, Can work in any atmosphere.
  - **WEAKNESSES:**  
\*Checking the work done twice or thrice.
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**EXPERIENCE:**

- Completed **EDGE** (Essential Diploma for Graduate Engineer) from CMC.
- Certificate Diploma in Cyber Security (GFSU, Gandhinagar-September 2012)
- 9 Months as a Visiting Lecturer in Vishwakarma Govt. Engg. College, Chandkheda, Ahmedabad. (10<sup>th</sup> September'07 to 30<sup>th</sup> June'08 )
- 7.5 Years as a Lecturer cum Assistant Professor in Kalol Institute of Technology & Research Centre, Kalol (1<sup>st</sup> July'08 to 1<sup>st</sup> Sept'10 & 1<sup>st</sup> July'12 to 25<sup>th</sup> Sept'17).  
Designation: P.G.Coordinator cum Assistant Professor.

- Worked at KCG, Education Department, Govt of Gujarat as Consultant Grade A (Admin) from 28<sup>th</sup> Aug'18 to 19<sup>th</sup> Jun'19 (10 Months) and worked as HOI (Website Development & Admin Officer) from 26<sup>th</sup> Sept'17 to 24<sup>th</sup> Aug'18(11 Months).
- Worked as Associate Professor (GTU Endorsed) in IT Dept at Shankersinh Vaghela Bapu Institute of Technology, Gandhinagar from 20-June-2019 to 29-Oct-2020. Also In-charge of iOS Application Development Lab (Mobinnovation) under CED (1st in Gujarat). Also appointed as coordinator of GTU Innovation Council from August 2020.
- Worked as an Assistant Professor at IIICT, Indus University, Ahmadabad from 1-Dec-2020 to 31-Aug-2021. Worked as Exam Coordinator for Department of Computer Science. Member of BOS. Also conducted GUJCOST Sponsored STTP on "AI and ML Applications in Data Science" from 22-26 Feb 2021.
- Total Experience: 11+ years
- Presently working as Lecturer at LDRP-ITR, Gandhinagar in CE / IT Department from 1-Sept-2021.
- Guided 12 students of M.E.(I.T.) and M.E.(C.E.) in Dissertation in Image Processing during August 2012-May 2015. 4 students of M.E. (I.T.) and M.E.(C.E.) in Data Mining during 2015-2016. 1 student of M.E. (C.E.) in Data Mining during 2019-2020. Published about 34 research papers as co-author.
- Guiding 4 PhD student in area of Machine Learning of CE Dept, Indus University.
- HP Certified Big Data Trainer.
- Worked with Kali Linux, Mandrakk, Red Hat and softwares like NMAP, Metasploit, Wireshark, OpenVAS, EnCase.
- Completed various courses of Deep Learning, Python and Google IT Certification from Coursera, etc during COVID-19 pandemic. OCI Certified Professional.
- Earned Credly Badge on completion of Applied Data Science: Unit I Course with honors on 22-June-2021 and Applied Data Science II: ML & Statistical Analysis with honors on 14-Sept-2021 from WQU, NY.

**LIST OF WORKSHOPS/SEMINAR/TRAINING PROGRAMS:**

<b>YEAR</b>	<b>WORKSHOP/SEMINAR/TRAINING</b>	<b>PLACE</b>
<b>4-5 Sept 2009</b>	2-Day workshop on Oracle 10g	LDRP(IEEE Guj Section)
<b>5-10 July 2010</b>	Faculty Induction Training Program	KIRC
<b>23 Sept 2011</b>	1-Day workshop on cloud computing	LDRP (IEEE Guj Section)
<b>7 Nov 2012</b>	National workshop on A-VIEW	GTU,Gandhinagar
<b>29 June 2013</b>	1- day workshop on "Massively Empowered Classrooms"	SRCE, Rajkot (Microsoft Research)
<b>2 Aug 2014</b>	1-Day on "DM and Contemporary Issue in other fields"	HGCE
<b>10 Jan 2015</b>	1-Day Python Training (Talk to Teacher Project by IIT Bombay)	KIRC(Spoken Tutorial)

<b>30-31 Jan 2015</b>	2-Day on "Future Trends & opportunities in Data Analytics, BI & Bigdata with Research Methodology and thesis writing"	CHARUSAT(GujCOST)
<b>14 Feb 2015</b>	Introduction to Java Gaming with Greenfoot	KIRC(Oracle Academy)
<b>20 Feb 2015</b>	1-Day Symposium on Green Management: Harnessing Wealth from Waste	C U Shah University
<b>11 Feb 2017</b>	1-Day Workshop on Cyber Security & Penetration Testing	GTU, Chandkheda
<b>22 Aug 2019</b>	1-Day Faculty Development Program [with CED, Gandhinagar]	SVBIT, Gandhinagar
<b>19-21 Sept 2019</b>	A National Level Workshop on "AWS Cloud"	HGCE, Ahmedabad
<b>2-6 Dec 2019</b>	5-Day FDP on "Artificial Intelligence" under ATAL Program (AICTE)	IIIT, Vadodara (Gandhinagar Centre)
<b>26 Dec 2019</b>	1-Day FDP on "Quality Enhancement in Higher Education Institutions"[Organised by GAP & GAAC]	Samarpan Arts & Commerce College, Gandhinagar
<b>18-22 May 2020</b>	5-Day e-FDP on "Cyber Security" under ATAL Program (AICTE)	Dr Harsinh Hour University Sagar, MP
<b>25-29 May 2020</b>	5-Day e-FDP on "Data Analytics in R" under ATAL Program (AICTE)	IIIT, Vadodara (Gandhinagar Centre)
<b>18-22 Aug 2020</b>	5-Day e-FDP on "Big Data Analytics with Deep Learning" under ATAL Program (AICTE)	PIET, Jaipur
<b>21 Dec 2020</b>	Online Orientation Program on Android Development with Kotlin - Train The Trainer	GTU with Google India
<b>29 Dec 2020-2 Jan 2021</b>	1-week online STTP on "Digital Forensics: Present Trends & Future Opportunities"	GTU, Ahmedabad
<b>18-22 Jan 2021</b>	5-Day e-FDP on "Data Sciences" under ATAL Program (AICTE)	SAINGITS College of Engg, Kerala
<b>25-29 Jan 2021</b>	5-Day Online FDP on "Cyber Security Threats & Safeguards"	GTU, Ahmedabad
<b>1-12 Feb 2021</b>	2-Week Online FDP on "Machine Learning for Computer Vision 2021"	Electronics & ICT Academies
<b>11-13 Mar 2021</b>	3-Days online workshop on "Machine Learning for Data Analytics"	CHARUSAT (GUJCOST)
<b>4 April 2021</b>	National Webinar on "Recent Research Opportunities in CS & IT"	Udhna Academy Education Trust, Surat
<b>24-29 May 2021</b>	STTP on "Cyber Security & Digital	CSPIT, CHARUSAT

	Forensics"	(GUJCOST)
<b>March 2014</b>	Organized Workshop on PHP, MySQL	KIRC(Spoken Tutorial)
<b>Feb 2014</b>	Organized Workshop on Linux	KIRC(Spoken Tutorial)
<b>July 2014</b>	Organized Workshop on LaTeX	KIRC(Spoken Tutorial)
<b>April 2014</b>	Organized Workshop on C++	KIRC(Spoken Tutorial)
<b>22 -26 Feb 2021</b>	Organized GUJCOST STTP on "AI and ML applications in Data Science"	IICT, Indus University
<b>22 -24 June 2021</b>	Organized Institute level FDP on "Effective Teaching, Strategies & Ethics for Professional Courses"	IICT, Indus University

### **PROFESSIONAL MEMBERSHIPS:**

- Senior Member IEEE. Life Member ISTE and ISCA (Kolkata). Professional Member of IFERP, InSc, RSRI.
- Reviewer of Applied Soft Computing (Elsevier Journal), Springer Journal, IAENG (Scopus Journal), ASTESJ (Scopus Indexed), TJPRC (Trans Stellar Journal Publications).
- Committee Reviewer Member of the "International Conference on Computing Science, Communication and Security (COMS2)", Ganpat University held on 26-28th March 2020 as well as COMS2 2021 held during 6-7 February 2021.
- Reviewer in ICCIS-2021 (Co-Sponsored by IEEE) Conference during 19-20 February 2021.
- Reviewer in ICAIES-2021 (IOP Series-Scopus Indexed) conference during 12-13 June 2021.
- Editorial Member of BEIESP (Elsevier-Scopus Journals-IJRTE, IJES, IJSCE), IASET Journal.
- Chair person in special session 6 in ICCRDA-2020 conference (24-Oct-2020)
- Advisory Committee Member of ICRTDARIP, organized by Amity University, Kolkata (20-21st November 2020).

### **BOOKS PUBLISHED/UNDER PROCESS:**

<b>NO</b>	<b>TITLE</b>	<b>STATUS</b>	<b>ISBN</b>	<b>YEAR</b>
<b>1</b>	Python Programming (1st Edition)	Published as Author	2020101612	July 2021
<b>2</b>	Machine Learning for Intelligent E-health systems (Editor)	Approved (CRC Taylor & Francis)	Under Process	July 2021
<b>3</b>	Cyber Security	Published as Co-Author	9788195407996	Sept 2021

**PATENTS:**

<b>NO</b>	<b>TITLE</b>	<b>STATUS</b>	<b>APPL NO</b>	<b>YEAR</b>
<b>1</b>	Automatic Attribute Differentiator and Controller for IOT Applications	Published & Granted (International)	2020101612	Aug 2020
<b>2</b>	Hybrid Response and Traffic Control Algorithm (HRTC) based Congestion Detection and Control Technique in IOT denser networks	Filed (Indian)	202041034060	Sept 2020
<b>3</b>	Improved IOT-based control system combined with an advanced control management server-based system	Published & Granted (International)	2020104364	Dec 2020
<b>4</b>	A New Method of Data Sanitization for the privacy protection of Cloud Data in Cloud Computing	Filed (International)	2021102595	May 2021
<b>5</b>	An Automatic Tumor Detection System based on Local Linear Wavelet Artificial Neural Network with Hybrid Optimization	Published & Granted (International)	2021103132	June 2021
<b>6</b>	Hand Shape and Sign Recognition From Video Using Deep Convolution Network	Published & Granted (International)	2021104072	July 2021

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<b>NO</b>	<b>TITLE</b>	<b>STATUS</b>	<b>APPL NO</b>	<b>YEAR</b>
<b>1</b>	Investigating Soft Computing Techniques to Design & Implement algorithms to extract useful patterns from large datasets	Registered	L-105501/2021	July 2021

**DECLARATION**

I hereby declare that the above-mentioned information is true to the best of my knowledge.

Dr. Lokesh P. Gagnani