

**Ms. Abha R. Gulhane**

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**Objective:**

Would like to work in a challenging environment wherein I can get opportunities to prove my capabilities, sharpen my skills and contribute towards achieving the organization objectives.

**Qualification Details:**

Discipline / Specialization	College / School	Year of Passing	Division of Passing	Percentage /CGPA
Master of Engineering (ENTC)	Sipna College Of Engineering & Technology, Amravati.	2015	First with Distinction	8.65
Bachelor of Engineering (EXTC)	Sipna College Of Engineering & Technology, Amravati.	2013	First with Distinction	79.38%
HSC	Brijlal Biyani Sci. College, Amravati.	2009	First with Distinction	89.67%
SSC	Manibai Gujarati High School, Amravati.	2007	First with Distinction	88.30%

**Work experience:**

- Currently working in Cognizant Technology Solutions, Pune since 25<sup>th</sup> Aug 2016.
- Worked as an Assistant Professor at Sipna College of Engineering & Technology, Amravati from 16<sup>th</sup> June 2014 to 24<sup>th</sup> Aug 2016, having additional teaching experience to Post graduation course as well.

**Portfolios Handled:**

- Departmental Time-Table in-charge.
- Departmental Sessional examination in-charge (B.E. & M.E.).
- Staff in-charge of youth festival cultural activity theater event (Drama, one act play etc).
- Staff in-charge of youth festival sports activity Kho-Kho.
- Staff in-charge of youth festival cultural activity Debate, Elocution.

**Professional Skills:**

- Software Testing.
- Languages: i)C  
ii) C++  
iii)SQL (Version: Oracle 9i, Oracle 10g )  
iv)PLSQL (Version: Oracle 9i, Oracle 10g)  
v) Unix.
- MATLAB (Version: V 8.1.0.604)
- VHDL

**Project:**

<b>1.</b>	<b>Project Title:</b> Surgical Altered Face Images Recognition Using Multimodal Biometric Features.	
<b>College</b>	<b>Sipna College of Engineering &amp; Technology, Amravati.</b>	
<b>Environment</b>	<b>Software Used: Matlab</b>	<b>Toolbox: Image Processing</b>
<b>Description</b>	Widespread acceptability and use of biometrics for person authentication has instigated several techniques for evading identification. These procedures can significantly change the facial regions altering the appearance, facial features, & texture, thereby posing a serious challenge to face recognition systems. One such technique uses facial plastic surgery procedure. A multimodal bio-metric feature extractor algorithm is proposed therefore to match face images before and after plastic surgery. This research introduces plastic surgery as a new dimension to face recognition.	
<b>2.</b>	<b>Project Title:</b> A zigbee network-based multi-channel monitoring system for room patients.	
<b>College</b>	<b>Sipna College of Engineering &amp; Technology, Amravati.</b>	
<b>Environment</b>	<b>Embedded System</b>	
<b>Description</b>	The main focus of this project is to develop an unconstrained monitoring system that can monitor patient continuously so that it gives the physical therapist early warning if necessary. The whole system consists of patient side device (PSD) and central monitoring system (CMS) and they are linked via zigbee network. Each PSD has its own identification number so that the CMS can monitor multiple numbers of patients simultaneously and generate a warning signal if necessary.	

**Papers Published:**

- Paper entitled “A Review on Surgically Altered Face Images Recognition Using Multimodal Bio-Metric Features” published in IEEE Sponsored 2nd International Conference On Electronics And Communication System (ICECS 2015).
- Paper entitled “Surgically Altered Face Images Recognition Using Multimodal Bio-Metric Features” published in International Journal of Electronics, Communication & Soft Computing Science and Engineering (IJECSCE), April 2015, ISSN: 2277-9477.
- Paper entitled “Using Multimodal Bio-Metric Features Surgically Altered Face Images Recognition” published in international journal of management, it and engineering (IJMIE), vol. 5, issue 3, Mar. 2015, ISSN: 2249-0558.
- Paper entitled “Matching Post-surgery Images with Pre-surgery Images Using Multimodal Bio-metric Features” published in international journal for engineering applications and technology (IJFEAT), Jan. 2015, ISSN: 2321-8134.

**Workshops:**

- Attended Workshop on “RF measurements on Communication Systems”, organized by IETE & IEEE forums in Sipna C.O.E.T. Amravati.
- Attended Workshop on “Autonomous Robotics”, organized by Sinhgad College of Engineering, Pune.

**Achievements:**

- Got selected for CM Fellowship program for the year 2016-17.
- Received Appreciation certificate from plastic surgeon Dr. Bharat N. Shah for my M.E. project entitled “**Surgical Altered Face Images Recognition Using Multimodal Biometric Features.**”
- Has been placed 6th in order of merit in final year (B.E.) at university level in the year 2012-13.
- Worked as a Cultural GS of Sipna C.O.E.T. in 2011-12.
- Worked as an N.S.S.co-coordinator for year 2010-11.
- Worked as an Active Volunteer in Art Of Living.
- Passed the “B” Cert exam of NCC.

**Professional Membership:**

**Life Member of IETE**

(Vide Membership No.AM-237879)

**Strength:**

- Leadership Quality
- Likes to accept Challenges.
- Eager to learn new things.
- Hardworking.
- Teamwork

**Personal Details:**

Date of Birth: 11<sup>th</sup> Dec 1991  
Marital Status: Unmarried  
Nationality: Indian  
Language known: English, Hindi, Marathi  
Address: 8, Vidya Vihar Colony,  
Behind Shreyas Motors,  
Nawathe Nagar, Badnera Road,  
Amravati – 444607.  
Hobbies: Listening to Music, Drawing.