

# Ishita N. Theba

Department of Computer Engineering,  
A.D. Patel Institute of Technology.  
New V.V. Nagar, Anand, Gujarat, India.  
E-mail: thebaishita@yahoo.com

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## Teaching Experience (11 years 10 month as on January, 2020)

- 1) Assistant professor, A.D. Patel Institute of Technology, V.V.Nagar, Anand, Gujarat, since March 2008 till date.

### *Roles and responsibilities:*

- Process Owner for Relationship with stake Holders (ISO Process).
- Member of Women Development Cell and Internal Complaint Committee, ADIT.
- Departmental member of library Services process (ISO Process).
- Timetable committee member of Computer Engineering Department.
- Faculty advisor of 22 students of Computer Engineering Department.
- Evaluate Theory exams and practical exams.
- Supervisor/ Guide for final year B.E student's projects.
- Exam duties such as observer duty and paper setting at university level.

### *Additional responsibilities:*

- Serving as girls hostel Rector for A.D. Patel Institute of Technology since 2008 till date.

## Academic Qualification

- **Master of Engineering (Computer Engineering): With First Class** in 2010 from B.V.M. Engineering College, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat, India.
- **Bachelor of Engineering (Computer Engineering): With First Class distinction** in 2007 from V.V.P Engineering College, Saurashtra University, Rajkot, Gujarat, India.

## Publications

- **"Participation of women in innovation system"**, Journal of Emerging Technologies and Innovative Research. (Vol.5, Issue 11, November 2018) pages-692-695. ISSN: 2349-5162.
- **"Image Inpainting Using Field of Experts Model"**, International Journal of Emerging Technology and Advance Technology. (Vol. 5, Issue-4, April 2015) pages: 293-296. ISSN 2250-2459.
- **"Digital Art for Object Removal in Photographs Using Image Inpainting Technique"**, International Journal of Innovations and Advancement in Computer Science. (vol.4, Issue 1, January 2015) pages: 146-152. ISSN 2347 – 8616.

- ***“A survey on Image Inpainting Methods”***, IFRSA’s International Journal of Computing” (Vol. 4, Issue 4, October 2014) pages: 768-771. ISSN(Print): 2231-2153, ISSN (Online):2230:9039.
- ***“Image Inpainting Algorithm for Region Filling Application”***, International Journal of Recent and Innovation Trends in Computing and Communication. (Vol. 2, Issue 9, September 2014) pages: 2627-2630. ISSN: 2321-8169.
- ***“A new approach for identification based on Iris Recognition using neural network”***, Journal of High Performance Communication Systems and Networking: An International Journal. (Vol.2, No.1-2 Jan-Dec 2010) pages:39-48. ISSN: 0975-6140. Serial publications.

### Paper presented:

- Presented research paper on Topic **“Participation of women in innovation system”** at the international women conference ICWSTCSC-2018, held at BVM Engineering College during 28-30<sup>th</sup> June, 2018.
- Presented research paper on Topic ***“A new approach for identification based on iris recognition using neural network”*** at the national conference on Advance computing 2009, held at G.H. Patel College of Engineering and Technology during December 12-13, 2009.

### Subject Taught

#### At Undergraduate Level

- Computer Programming and Utilization
- Object Oriented Programming with UML.
- Computer Graphics
- Digital Logic Design
- Advance Java Technology.
- Data and file structure

### Area of Interest

- Image Processing, Programming languages, operating systems, data structures, object oriented Technology.

### Skill Set

- **Operating System** : Microsoft Windows, Linux
- **Programming Environments**: C, C++, Java, Prolog, MATLAB Programming
- **Database Systems** : PL/SQL, MS Access
- **Application Software** : Latex, MS Office
- **Tool** : MATLAB with Neural Network Toolbox and Image Processing Toolbox

## Organized National/State/Institute Level Workshops/Seminars

- Coordinated Women's day celebration on 8<sup>th</sup> March, 2019 at A.D. Patel Institute of Technology on 8<sup>th</sup> March, 2019 sponsored by IEEE student branch, Gujarat and WIE jointly with all colleges of New V.V. Nagar Campus.
- Organized a workshop on "Recent Advances in IOT with Big-data Analytics using Machine Learning Approach on 6<sup>th</sup> October,2018 at A.D. Patel Institute of Technology, New V.V.Nagar, sponsored by GUJCOST and IE.
- Worked as Departmental Coordinator for organizing "An interactive session regarding online women safety with google experts" on 24<sup>th</sup> July, 2018 at ADIT, New V.V.Nagar.
- Worked as Faculty coordinator for spectrum 2018 for "workshop on VFX" on 26<sup>th</sup> March,18 held at ADIT
- Served as co-coordinator of one day seminar on "Women's Health Awareness" on 8<sup>th</sup> July, 2017 held at A.D. Patel Institute of Technology, organized by Women in Engineering Affinity Group, IEEE Student Branch and financially supported by ISTE Faculty Chapter,ADIT,Gujarat.
- Served as **event coordinator** for technical event "**ZERO-15**" held on 8<sup>th</sup> -9<sup>th</sup> April, 2015 at A.D. Patel Institute of Technology.
- Organized one day workshop on "**Computer Networks**" in 2014 at A.D. Patel Institute of Technology.
- Organized one day workshop on "**Advance Computer Graphics**" on 5<sup>th</sup> February 2013, at A.D. Patel Institute of Technology under ISTE Student Chapter.
- Served as **committee member** at one week National level STTP on "**Recent Trends in Computational Intelligence**" during July 01-05, 2013 at A. D. Patel Institute of Technology.
- Organized workshop for **Linux** on 31<sup>st</sup> December 2011 held at A.D. Patel Institute of Technology with the help from spoken tutorial project, developed at IIT Bombay, funded by NMEICT, MHRD, Govt. of India.

## Knowledge Update

### Short Term Training Program (STTP) of 1 week duration or more

- Attended one week STTP on "EF-IOT: Recent Advances in Edge and Fog Computing for Internet of Things (IOT)" organized during 10-15 June,2019 by Computer Engineering Department at A.D. Patel Institute of Technolgy, New V.V.Nagar.
- Participated in **Two week ISTE STTP on "Introduction to Design of Algorithms"** under the National Mission on Education through ICT (MHRD, Govt. of India), IIT Kharagpur from May 25<sup>th</sup>, 2015 to May 30<sup>th</sup>, 2015.
- Participated in **Two week ISTE Main workshop on "Computer Programming"** under the National Mission on Education through ICT, MHRD, New Delhi from May 20<sup>th</sup>, 2014 to June 21<sup>st</sup>, 2014.
- Attended one week STTP on "**Recent Trends in Computational Intelligence**" during July 01-05, 2013, organized by Computer Engineering Department, A. D. Patel Institute of Technology, New

Vallabh Vidyanagar and sponsored by GUJCOST & Technically Sponsored by IEEE Gujarat Section/ISTE/IE.

- Attended one week faculty development programme in **“Communication Skills through Technology”** from 24<sup>th</sup> November 2008 to 29<sup>th</sup> November 2008, organized by H M Patel Career Development Centre (CDC).

### Workshops and Seminar attended

- Attended workshop on “Applications of MATLAB Software in other Engineering Disciplines” during 18<sup>th</sup> -19<sup>th</sup> June, 2019 organized by Department of Computer Engineering, MBIT, sponsored by GUJCOST.
- Attended One day workshop on “The ART AND SCIENCE OF COUNSELLING-BOON TO STAFF AND STUDENTS” on 23<sup>rd</sup> June, 2018 organized by WOMEN DEVELOPMENT CELL of CVM.
- Attended International Women conference on “ICWSTCSC-2018” held on June 28<sup>th</sup> to June 30, 2018 at BVM Engineering College
- Participated in seminar on “ Engineering Innovations for social and Environmental development” on 30<sup>th</sup> Dec,2017 held at ADIT.
- Attended International workshop on **“Sensor Network and Wireless Communication”** (SNWC) from 9<sup>th</sup> to 11<sup>th</sup> October 2013 at A.D. Patel Institute of Technology.
- Attended pre-conference workshops entitled **“securing virtual cloud, Image and video Exploration techniques, power line communication”** organized under International Conference on Intelligent Systems and signal Processing (ISSP 2013) on February 28, 2013 at G.H. Patel College of Engineering and Technology.
- Participated in one day regional seminar on **“XXI Century: Priorities in Technical and Higher Education”**, on Aug- 3<sup>rd</sup>, 2011 organized by CVM in association with ISTE, Gujarat section and GTU.
- Attended one day workshop on **“Matlab”** on 23<sup>rd</sup> Jan 2010 held at GCET.
- Attended a workshop on **“Image and Video Processing”** at national conference on Advance Computing – 2009 on December-11, 2009 held at G.H. Patel College of Engineering and Technology.
- A workshop on **“LaTeX: A Smart way of preparing research papers and Thesis”** on 27<sup>th</sup> August 2009 at A.D. Patel Institute of Technology.
- One day workshop on **“Setting a question paper”** on 6<sup>th</sup> March 2009 at A.D. Patel Institute of Technology.
- Attended state level seminar on **“Emerging Trend’s and Application in Information Technology”** on 10<sup>th</sup> February 2008.

### Declaration

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

**ISHITA THEBA**