

## FACULTY-PROFILE

**Name : Chaitali Haldankar**

**Date of Birth : 09-04-1991**

**Highest Qualification: M.E. (Microelectronics)**

**Experience : 4 years 8 months .**

### Academic Performance

Name of examination	Year of passing	Board/university	Division
SSC	2006	Goa Board	Distinction
HSSC	2008	Goa Board	First Class
B.E (ETC)	2012	Goa University	First Class
M.E (Micro-Electronics)	2014	Goa University	First Class

Date of Joining : 1<sup>st</sup> June 2015

Status as on date of Joining : Assistant Professor (contract)

### Work Experience :

Sr.no	Institution	Designation	Period
1.	Agnel Institute of Technology and Design	Assistant Professor	1 <sup>st</sup> June 2015 to tilldate (4 yrs, 5 <sup>th</sup> contract)
2.	Girjabai Sail Institute of Technology, Karwar	Assistant Professor	7 <sup>th</sup> jan to 31 <sup>st</sup> May 2019 (1 Semester)
3	Goa College Of Engineering	Assistant Professor	August 2014 to December 2014 (1 Semester)

## Publications:

Sr.No	Paper Title	Name of Conference	Date	Venue
1	Study and Implementation of Blowfish Algorithm	International Conference on Emerging Trends and Research in Engineering & Technology	29th March 2014.	IBSS College of Engineering, Amravati,
2	Implementation of AES Algorithm	National Conference on Computer Communication and Networking	4 <sup>th</sup> and 5 <sup>th</sup> April 2014	Valliammai Engineering College, Chennai
3	Study and Implementation of Cryptographic Algorithm	5th National Conference on Electronic Technologies	25 <sup>th</sup> and 26 <sup>th</sup> April 2014	GEC-Ponda, Goa
4	Implementation of AES and Blowfish Algorithm	International Journal of Research in Engineering and Technology	3 <sup>rd</sup> and 4 <sup>th</sup> May 2014	BKIT , Bhalki
5	Haemoglobin measurement using non-invasive technique	International Journal of Engineering Research in Electronics & Communications Engineering 2016	Volume 3, September 2016	-
6	IoT Based Smart Garbage Bin	Recent Innovations in Engineering Science , Technology & Management 2019	24 <sup>th</sup> & 25 <sup>th</sup> January 2019	AITD - Goa
7	Mall Parking system	Recent Innovations in Engineering Science , Technology & Management 2019	24 <sup>th</sup> & 25 <sup>th</sup> January 2019	AITD - Goa

## ➤ FACULTY DEVELOPMENT PROGRAMMES & WORKSHOPS ATTENDED

- Attended One week ISTE-Short term training program on “Electronic Advancements and Image Processing in Medical applications “ on 1<sup>st</sup> to 5<sup>th</sup> June 2015 Organized by AITD-Goa.

- Attended One week ISTE-Short term training program on “Robotics using “Embedded C” on 02<sup>nd</sup> to 06<sup>th</sup> November 2015 Organized by AITD-Goa.
- Attended One week ISTE-Short term training program on “Cloud Computing and Internet of Things ” on 7<sup>th</sup> to 11<sup>th</sup> November 2016 Organized by AITD-Goa.
- Attended One week ISTE-Short term training program on “Hadoop and Big Data Analytics “ on 7<sup>th</sup> to 11<sup>th</sup> November 2016 Organized by AITD-Goa
- Attended 1 & 1/2 week NPTEL FDP Course on “ Biomedical Signal Analysis” from 24<sup>th</sup> January 2019 to 13<sup>th</sup> April 2019
- Presently under going the 1 week NPTEL FDP Course through Swayam Platform on “ Switching Logic and Digital Circuits” and “Digital Image Processing” .
- Augmented reality

#### ➤ Workshops

- Attended one day workshop on “ OBE & Blooms Taxonomy ” at Agnel institute of Technology and Design on 5<sup>th</sup> January 2019
- Attended Two days workshop on “Outcome Based Education and strategies of Assessment for NBA and NAAC ” at Agnel institute of Technology and Design on 10<sup>th</sup> & 11<sup>th</sup> December 2018

#### ➤ Result analysis

Sr.No	Semester	Subject	Pass Percentage	Distinction	First Class
1	III (S.E NOV 15)	Electronic Devices And Circuits	88%	5.77%	22%
2	VI (T.E JUNE16)	Electronic Instrumentation	100%	10.64%	10.64%
3	VIII (JUNE 16)	ELECTRONIC COMMERCE	100%	15.79%	26%
4	VII (DEC 16)	OPERATING SYSTEMS(j)	100%	19%	30.49%
5	VI (T.E JUNE17)	Electronic Instrumentation(k)	94%	1%	1.96%

6	VIII (JUNE 17)	ELECTRONIC COMMERCE(j)	100%	5.7%	37%
7	VII (DEC 17)	Operating Systems (k)	100%	2%	22%
8	VIII(june 2018)	Ecommerce	100%	25%	40%
9	VIII(june 2018)	STV	97.91%	12.50%	29.17%
10	VII(Dec 2018)	Operating System	100%	3.23%	19.59%
11	III(dec 2018)	Digital system Design	95.38%	10.77%	21.54%
12	IV( Jan 2019)	Digital Electronics and Microntroller Application	96%		

### ➤ Roles and Responsibilities

- IETE coordinator, ECE Department
- In charge of Electronics Instrumentation Laboratory
  - ✓ Latest Development : Purchase of NI Labview software with development Kit.
- Deputy Chairperson, Women's Cell Committee
- Student Activity Council- Deputy Chairperson
- ECE Dept. Member for DTE Admissions committee
- ECE Dept. Timetable coordinator
- ECE Dept. Magazine and newsletter coordinator
- Member of AITD image building committee
- Member ,Internal Complaints Committee
- Member ,Internal complaints committee under Vishaka Guidelines

### ➤ Final Year Projects Guided

- Haemoglobin Detection using Non Invasive Technique 2016
- Smart Parking Mall System 2019
- Robotic Path Planner
- Sign Language Translator using Electronic Glove 2017
- Prepaid Water Meter 2018
- Smart Garbage Bin2018
- Smart Traffic Controller 2019
- Iot based water quality monitoring 2020

**Millionminds initiated THE STARTUP LEAGUE, under the patronage of Startup India and the Goa Chapter of THE STARTUP LEAGUE, which was hosted at our institute on 24<sup>th</sup> March 2018. The project group “SMART BIN” won the first place at the said event and were shortlisted for the Grand Finale that was held in Mumbai.**

### ➤ **Technical Body Membership**

- **IETE ASSOCIATE MEMBER**
  - IETE coordinator for a two day workshop on “ Image Processing” at AITD
  - IETE coordinator for a two day workshop on “Embedded systems ” at AITD
  - IETE coordinator for a one day inter- collegiate technical Event “THINK 2018” at AITD on 28<sup>th</sup> July 2018 .
  - IETE coordinator for a one day inter- collegiate technical Event “THINK 2019” at AITD on August 2019
  - Following colleges participated in the event PCCE(4 teams),DBCE(1 team 4members) ,GEC (1Team) , IIT Goa (1 Team)
  - Total Participation : 45 students
  - IETE Co-ordinator for one day workshop on “Practical Approach to Computer Networks ” at AITD on 28<sup>th</sup> February 2019
    - Total Number of Participation : 50 students (T.E ECE)
  - IETE Co-ordinator for two day workshop on “Graphical solutions using LabView ” at AITD on 22<sup>nd</sup> and 23<sup>rd</sup> March 2019
    - Total Number of Participation : 52 students (T.E ECE)

### ➤ **Extra co-curricular activities**

- Field trip organized for 1<sup>st</sup> year at OPTEL VISION on 5<sup>th</sup> July 2018
- Field trip organized for final year students at Bangalore on 3<sup>rd</sup> September 2018
- Worked as Admission Committee member for GCET Engg admissions at Directorate of Technical Education July 2018
- Accompanied the computer department students and attended the IT Day on 14<sup>th</sup> and 15<sup>th</sup> July 2018.
- Stock and equipment verification committee member for E&C Engg department for the year 2016-2017,2017-2018,2018-2019.
- Member of annual Industry College Event Colloquium for the years 2017, 2018, 2019.

- Member , Decoration Incharge, Agnel Utsav committee for the year 2019
- Member of Orientation Program Committee ,organised the orientation programme on 2<sup>nd</sup> july 2018.
- Attended along with the Mechanical students and installed AITD Stall at ATV Championship at Kerim Goa on 18<sup>th</sup> & 19<sup>th</sup> March 2019

### ➤ **Student Activity Council Development**

- Organizing committee member for FACT 2017
- Organizing committee member for FACT 2018
- Organizing committee member for annual Day 2018
- Organised the annual day 2019 & farewell 2019

### **Organised FACT 2019 along with Prof.Shreedatta Sawant on 22<sup>nd</sup> & 23<sup>rd</sup> 2019 at AITD.**

- Interdepartmental College Cultural Festival
- Design of trophies , banners , certificates were done
- External judges were invited to judge the event
- Media Publicity was done for the events through media partner Prudent and Indigo 91.9 fM
- Event was also covered through various local daily partners such as Navhind times , Herald etc.

### **Organisation of TECHURJA 2K19 along with Prof.Shreedatta Sawant and student team SENSES , MEGA , ACCESS on 20<sup>th</sup> & 21<sup>st</sup> 2019 at AITD.**

- First Intercollegiate technical Competition
- Techurja website was designed and launched
- 13 technical events were conducted
- Participation from PCCE, GEC, RIT , NITTE Udupi, DHEMPE, MES , SARASWAT COLLEGE, XAVIERS COLLEGE, DM'S COLLEGE , PES.
- Total Participation
- College advertisements through media partners such as INDIGO 91.9 fm, Prudent media , Navhind times , O herald.
- Building up first of its kind robo war arena for the event Battle of Galactica
- Raising of funds for TechUrja and FACT 2019 through sponsorships

### ➤ **Women Cell Development**

- **Member of core team to design uniforms for teaching and non teaching staff.**
- **Organisation of womens Day on 8<sup>th</sup> March 2016**

- ✓ Organised a Medical Talk on Womens Health By DR. Sonali Shetgaonkar
- **Organisation of womens Day on 8<sup>th</sup> March 2017**
  - ✓ Organised a talk by BNI group On financial management by Kairoo khavtay and a medical talk by Dr.Sonali Khandeparkar on womens health.
- **Organisation of womens Day on 8<sup>th</sup> March 2018**
  - ✓ Organised a self defence session for the girl students of AITD
  - ✓ Organised a zumba session for the girl students of AITD .
- **Organisation of womens Day on 8<sup>th</sup> March 2019**
  - ✓ Organised a dinning etiquette session by Principal of Salgaonkar Hospitality college
  - ✓ Organised a Kick Boxing by Miss.Bhatania
  - ✓ Organised a Zumba Session by Asst.Prof. Monisha John

### ➤ **Image Building committee Development**

- Conduction of one day talk on “ Developments and upcoming trends at aidt ” at St Francis Xavier college Siolim on 22<sup>nd</sup> September 2018 for students class 11<sup>th</sup> & 12<sup>th</sup> Science
- Conduction of talk on “ Career Options at AITD” at Sunshine Higher Secondary on 21<sup>st</sup> December 2018 for students class 11<sup>th</sup> & 12<sup>th</sup> Science
- Conduction of talk on “ Career Options at AITD & Guidance” at Harmal Panchakroshi on 12<sup>th</sup> January 2019
- Conduction of a half day talk on “ Career options at AITD” at Saraswat High School and conduction of college tour.
- Interactive session with teachers at DM’s Higher Secondary college on preparation and admissions at GCET

### ➤ **Conduction of institution visits by other schools and colleges**

- AITD excursion visit by students of class 11<sup>th</sup> science Govt High School Dabem , Satterri as per guidelines of Ministry of Human Resource through Goa Sarva Siksha Abhiyan on 28<sup>th</sup> January 2019
- AITD excursion visit by Hutatma Babu Gawas Memorial Govt High School , Chandel Pernem Goa as per guidelines of Ministry of Human Resource through Goa Sarva Siksha Abhiyan on 30<sup>th</sup> January 2019
- AITD College tour for students of class 11<sup>th</sup> science Govt High School Morlem , Satterri through Goa Sarva Siksha Abhiyan on 20<sup>th</sup> February 2019

### ➤ **Newsletter & Magazine Committee**

- Release of Departmental Newsletter “VIPYZANA 2019” on 5<sup>th</sup> April 2019 on the occasion of “COLOQUIUM 2019”
- LAUNCH of Annual E- Magazine “RENAISSANCE 2019” ON 4<sup>TH</sup> MAY 2019 on the occasion of Annual Day 2019
- Working towards the release of magazine “RENAISSANCE 2019” hardcopy.

### ➤ **Management Quota Rounds**

- Attended the management quota rounds held at PCCE Verna , along with Principal and Management in year 2016-2017 and also the following year 2017-2018

### ➤ **Webinars Conducted**

- Career Connect 2020 6<sup>th</sup> June 2020 for higher secondary college and parents
- Six Day Webinar series on Industry Connect with participation of around 500 from various colleges in association with IETE

### ➤ **Future Developments**

- Organization of IETE event “Think 2020” at AITD Goa in July 2019
- Conduction of a 2 day workshop “ Image Processing using NI Labview” by VI solutions in the month of August 2019
- Development of Robber Soccer arena for Techurja 2020
- Conduction of Alumini Meet “RECONNECT 2020”
- Conduction of parents students Orientation Program for the new entrants
- Pursuing Of PhD in the field of Bio-Medical Signal Processing