

Name : SOMAVARAPU JAHNAVI
Designation: Assistant Professor
Department: Computer Science and Engineering
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Experience (in years): Teaching: 8 Research: Nil Others(if any, specify): NIL
AICTE Id: 1-2641422937
Date of Birth: 05-05-1991

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	MTECH	2014	CSE
2	BTECH	2012	CSE
3	Phd (CSE)	Pursuing	Video Processing

2. Teaching and Learning:

2.1. Teaching Interests: Image Processing, Operating Systems, Web Technologies, JAVA, Discrete Mathematics, Cognitive Science, Mathematical foundations for computer science

2.2. Novel Teaching & Learning Techniques adopted: Wit & Will, Chalk and Talk, PPT, Brain Storm, POGIL, Learning By Doing

2.3. Involvement in curriculum updating / Design: Involved in updating Operating Systems Theory and Lab course content.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Playing Badminton, Listening to music

3.2. CCA/ECA Organized: coordinating Women's day celebrations since last three years, coordinated 4th national cultural fest for Deaf women at VNR VJIET

3.3. CCA/ECA participated: yes

3.4. Counseling and Mentoring Activity: yes

3.5. Committees involved in:

Department level: Organizing Team member for ICACECS 2021

Institute Level: IQAC Member, Convergence Committee member

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- Conducted guest lecture on “Inter Process Communication in Operating System” for III year CSE students on 19-08-2017.
- Conducted guest lecture on “Generating functions and Recurrence relation techniques” for II year CSE students on 22-09-2016.
- Conducted guest lecture on “Applets and Networking using Java” for III year ECE students on April 2016.
- Conducted guest Lecture on “Dynamic client side scripting” for III CSE Students on March 2022

4.2 Attended:

- Attended two week FDP on “Trends in Wireless Communications and Evolution of Simulation Tools” at VNR VJIET from 11th May 2015 to 23th May 2015.
- Participated in workshop on “Big Data & Hadoop” in VNRVJIET from 27-28 November 2015.
- Participated in Two week Workshop on “Technical Communications” by IITB from 8th October to 30th November 2015.
- Participated in 1 week FDP on “Sensor Networks and Internet of Things” by Electronics and ICT Academy from 27th November to 2nd December 2016.
- Completed Two week FDP on “Foundation Program in ICT for Education” by IIT Bombay from 3rd August to 7th September 2017.
- Completed Two week FDP on “Pedagogy for Online and Blended Teaching - Learning Process” by IIT Bombay from 14th September to 12th October 2017.
- Participated in 2 day workshop on “Introduction to Machine Learning” by IIT Kharagpur on 16-17 December, 2017.
- Completed one week workshop on VNR Initiatives and Awareness on OBE from 6th to 11th July 2020 at VNR VJIET
- Participated in one week FDP on Recent Advancements in Machine Learning & Deep Learning organized by CSE at VNRVJIET.
- Completed Course on Managing Change When moving to Google Cloud in Course Era.
- Completed course on AI for every One- Master the Basics in EdX.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

- Resource person for the workshop on Effective Online Teaching using ICT tools from 29th June to 4th July 2020 at VNR VJIET
- Resource person for Web – a- thon held at VNRVJIET

5.2. Articles / Chapters published in Books:

- An Intelligent Traffic Light Management System Chapter published in Springer Series Learning and Analytics in Intelligent systems
- Mobilenet V2-FCD: Fake Currency Note Detection published in Springer series International Conference on Advanced Informatics for Computing Research

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 13

b) PG: 1

5.5. Research Interests: Image and Video Processing, Computer Vision.

5.6. Ph.D students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals: NIL

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	An Intelligent Prediction of Accidents for Domotics	IJCSIS, volume 14	1947- 5500		International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Protein Structure similarity using recurrence relation technique	CIBCB- 2015 (IEEE)	International	August- 2015
2	An Intelligent Prediction of Accidents for Domotics	ICETCSE – 2016	International	October – 2020
5	Mobilenet V2-FCD: Fake Currency Note Detection	ICAICR 2020	International	DEcem ber - 2020

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	White Board Animation videos	Anika Welfare Society	March 2019 – March 2021	100000	Completed

6. Awards / Honors received: Nil

7. Motto: “Not everyone gets the same but no one misses out”.