



**Centre for Information Technology and  
Engineering  
Manonmaniam Sundaranar University,  
Tirunelveli-12**

Dr.S.Saudia., B.E., M.Tech., Ph.D.,  
Assistant Professor



### I. Academic Details

<b>Area of Specialization</b>	Image Processing, Computer Vision, Machine Learning
<b>Research Experience</b>	12 years
<b>Teaching Experience</b>	13 years
<b>Ph.D. Guidance</b>	On-going :4; Completed: -

Programme(s)	Organized	Attended
Workshops	4	7
Seminar	4	4
Conferences	1	9
Invited Talks	6	

<b>Countries Visited</b>	Worked as Assistant Professor in the Department of Computer Science, King Khalid University, Kingdom of Saudi Arabia from
--------------------------	---

<b>Membership in Professional Bodies</b>	Life Member, Computer Society of India
--	--

### II. Research Profile`

#### Research Publications

Publications	No.of.Publications
Journals	8 (SCI Journals)+1 (Scopus Indexed Journal)
Conferences	21

#### Citations and Indexing (Add if you have more)

Journal Citations	
Google scholar	222
Indexing(h -Index)	
Google Scholar	9

<b>Research Projects</b>	<b>Nos.</b> 1 (As Co-investigator)	<b>Amount</b> Rs. 34,00,000/-
--------------------------	---------------------------------------	-------------------------------------

<b>Date of Birth</b>	18.10.1980
<b>Email Id</b>	saudiasubash@yahoo.com, saudiasubash@msuniv.ac.in
<b>Contact No</b>	+91-9443693758

### Significant Publications

1. *Efficient adaptive fuzzy-based switching weighted average filter for the restoration of impulse corrupted digital images, IET Image Processing, Volume:4, Issue: 8, year: 2014, SCIE, IF: 0.744.*
2. *Fourier Transform based Windowed Adaptive Switching Minimum filter for Reducing Periodic Noise, IET Image Processing, Volume:10, Issue: 9, year: 2016, SCIE, IF: 1.044.*
3. *Adaptive Switching Non - local Filter for the Restoration of Salt & Pepper Impulse Corrupted Digital Images, Springer Arabian Journal for Science and Engineering, Volume:40, Issue: 1, year: 2015, SCIE, IF: 0.728.*
4. *An improved digital image watermarking scheme using discrete Fourier transform and singular value decomposition, Turkish Journal of Electrical Engineering and Computer Sciences, Volume:24, Issue: 5, year: 2015, SCIE, IF: 0.644.*
5. *Laplacian based Frequency Domain Filter for the Restoration of High Density Periodic Noise Corrupted Digital Images, IEEE Canadian Journal of Electrical and Computer Engineering, Volume:24, Issue: 5, year: 2015, SCIE, IF: 0.428*