

## B I O -- D A T A

DEPARTMENT NAME : Electronics and Communication Engineering



1. Name : R. SATISH
2. Date of Birth, Age and Place of Birth: 25-02-1980 , 38 yrs, Sakhinetipalli
3. Address for Communication : C/o G. Bhaskar rao, H. No: 1-136, Road No-1,  
Shiridinagar, Satrampadu, Eluru  
W.G Dist., PIN: 534007
4. Permanent Address : S/o R. J. Fuzi Babu, Santhinagar, sakhinetipalli,  
E.G.Dt- 533251
5. Mobile No : 8142166933
6. Email-ID : rsatishus@gmail.com
7. Educational Qualifications :

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/ Class	% of Marks
Ph. D	A.U	Andhra University College of Engineering, ECE	ECE	Awarded in Aug-2019		
PG	Andhra University	Andhra University College of Engineering	Electronic Instrumentation (ECE)	2005	I	64.3
UG	Andhra University	GITAM College of Engg.	ECE	2002	I	60.4*

\* secured 1<sup>st</sup> class in betterment exam held in 2013 under special drive examinations conducted by Andhra University

8. Project/Thesis: UG : Image Processing techniques  
PG : Design and Implementation of PLC's in SCADA  
PhD : Algorithms for efficient segmentation of non-ideal iris images  
in the iris recognition framework



- iv. **Satish Rapaka**, P. Rajesh Kumar, M. Rajasekhar, and Y. B. N. V. Bhaskar, “An efficient method for segmentation of noisy and non-circular iris images using optimal multilevel thresholding,” *J. Adv. Res. Dyn. Control Sys., (SCOPUS)*, vol. 11, no. 2 Special Issue, pp. 1010–1022, 2019.
- v. **Satish Rapaka.**, Rajesh Kumar Pullakura, “Towards segmentation of non-ideal iris images using optimization based multilevel thresholding,” *Proc. 3rd Int. Conf. Commun. Electron. Syst. ICCES 2018, IEEEExplore (SCOPUS)*, pp. 46–51, 2018, DOI: [10.1109/CESYS.2018.8723939](#)
- vi. **R. Satish.**, P. R. Kumar, “State-of-the art iris segmentation methods A Survey,” *Int. J. Comput. Sci. Eng. (UGC Approved)*, vol. 6, no. 11, pp. 739–748, 2018. DOI: <https://doi.org/10.26438/ijcse/v6i11.739748>.
- vii. **R. Satish**, P. R. Kumar, and M. Jeevan, “A new approach for non-ideal iris segmentation using FCM clustering based on PSO,” *AJEAT (UGC Approved)*, vol. 07, no. 2, pp. 42–45, 2018.
- viii. A. P. Kumar., **R. Satish**, “A Novel Decomposition Framework For Gray Scale Image Denoising Algorithms,” *IJR (UGC Approved)*, vol. 04, no. 14, pp. 149–153, 2017.
- ix. **R. Satish.**, P. Inteti, “IRIS Recognition System Using Geodesic Active Contours for Non-Ideal IRIS Images,” *IJERECE*, vol. 2, no. 6, pp. 81–87, 2015.
- x. K. N. S. Kumar, **R. Satish**, and D. M. S. Ganga Prasad, “Estimation of Direction of Arrival Algorithms for Adaptive Array Smart Antenna in Wireless Communication,” *Int. J. Eng. Trends Technol.*, vol. 14, no. 5, pp. 245–248, 2014.
- xi. **R. Satish.**, D. P. Kumar, “Advanced Ad-Hoc Wireless Communication System Based on Co-operative MIMO Approach,” *IJECT*, vol. 7109, pp. 86–89, 2014.
- xii. S. Sunitha., **Rapaka Satish**, “A new image forgery detection framework based on undecimated dyadic wavelet transform technique,” *IJPRES*, vol. III, no. 1, pp. 156–160, 2014.
- xiii. K. R. Chandram., **R. Satish**, “Adaptive Smart Antenna System for Performance Improvement of Wireless Push Systems,” *IJSETR* , vol. 02, no. 14, pp. 1598–1603, 2013.

#### ***b) Research Papers Published in Conferences***

- i. **Satish Rapaka** and A. N. Sivadeep, “Face recognition using CRF model,” *Proc. 1st Int. Conf. Adv. Commun. Techn. ICACT 2019*, pp. 192-194, 2019.
- ii. **Satish Rapaka** and Rajesh Kumar Pullakura, “Towards segmentation of non-ideal iris images using optimization based multilevel thresholding,” *IEEE Proc. 3rd Int. Conf. Commun. Electron. Syst. ICCES 2018*, pp. 46–51, 2018, DOI: [10.1109/CESYS.2018.8723939](#)
- iii. **Satish Rapaka** and D. Pallavkumar, “Advanced Ad-hoc wireless communication system based on co-operative MIMO approach,” *Proc. NCRRECE 2014*, pp. 86-89, 2014.
- iv. **Satish Rapaka** and D. Pallavkumar, “Smart cards & biometrics in privacy sensitive secure personal identification system,” *Proc. ICECE 2012*, pp. 80-84, 2012.

**c) Workshops/STTP Attended**

S No	Name of the workshop/ STTP	Type of event	Place	Period	
				From	To
1	Programming for Everybody - Python	Non-credit course	Coursera	8 weeks	
2	Introduction to data science	FDP	Guntur Engg. College	18 - 05- 2020	22 - 05- 2020
3	Reconfigurable antenna	Webinar	Narsaraopet Engg. College	26-05-2020	--
4	Introduction to programming with MATLAB	Non-credit course	Coursera	8 weeks	
5	IoT - Industrial perspective	Webinar	BVICAM, New Delhi	11/7/2020	--
6	Signal Processing & Image Processing Applications using MATLAB	Workshop	Sir C R Reddy College of Engineering, ECE Dept.	27-12-2017	28-12- 2017
7	MATLAB For Engineering Applications	Workshop	Sir C R Reddy College of Engineering, ECE Dept.	19-08-2016	20-08- 2016
8	MATLAB & Simulink for Engineering Applications	Workshop	Mathworks India	5-02-2016	-
9	Advances in Signal Processing	Workshop	Andhra university	30-08-2013	31-08- 2013
10	Vision 2020 for Communications	Workshop	K L University	1-03-2007	2-03-2007
11	Instructional Design and Delivery	FDP	Ministry of HRD, Chennai	12-6-2006	17-6-2006
12	Electromagnetics	Conference	ANITS, Visakhapatnam	12-10-2007	13-10- 2007
13	FPGA Based System Design	Workshop	Sir C R Reddy College of Engg., ECE Dept.	28-09-2007	29-09- 2007

**d) Workshops Conducted**

S No	Name of the Event	Event Type	Role	Place	Dates
1	Bio-medical Signal Processing and Applications	FDP	Co- ordinator	Sir CRR College of Engg., Eluru	1 <sup>st</sup> to 14 <sup>th</sup> Nov 2019
2	Advanced Communication Technologies	International Conference	Proceedings Editor	Sir CRR College of Engg., Eluru	26 <sup>th</sup> & 27 <sup>th</sup> April 2019
3	Signal & Image Processing Applications using MATLAB	Workshop	Coordinator	Sir CRR College of Engg., Eluru	27 <sup>th</sup> to 28 <sup>th</sup> Dec 2017
4	MATLAB For Engineering Applications	Workshop	Coordinator	Sir CRR College of Engg., Eluru	19 to 20 <sup>th</sup> Aug 2016
5	Project Orientation Course on Digital Image Processing	Workshop	Coordinator	Sir CRR College of Engg., Eluru	21 to 29 <sup>th</sup> July 2016

**e) Details of Research Projects**

S No	Title of the Project	Amount Sanctioned	Issued Authority	Status	Year of Sanction
-	-	-	-	-	-

**11. Achievements** : 1. Published three papers in SCI indexed journal (IET Image Processing, IET Biometrics & SN Applied sciences)  
2. Editor for ICACT-2019 proceedings

**12. Strengths** : Hardworking, Social responsibility, Spirituality

**13. Other Details if any** :

- Resource person for “Induction training of SCT PCs Communications” at District training center, Pedavegi, during 27/1/2018 to 7/2/2018.
- Invited as judge for ‘A Student Technical Paper Contest-2016’ Organized by IETE Vijayawada centre on the occasion of “IETE Students Day”
- Life member of ISTE (LM 53243)
- Life member of IE (M 153776-2)
- Life member of IETE (M-500575)

**14. Personal Details:**

(a) Name of the Father : R. J. Fuzibabu

(b) Name of the Mother : R. Kamala

(c) Gender : Male

(d) Marital Status : Married

(e) Nationality : INDIAN

Date : 15-06-2019

Place : ELURU

Signature of the Candidate