

**DIANA ANDRUSHIA.A**

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**RESEARCH**

Computational Models of Visual Attention, Computer Vision, Artificial Intelligence based Structural Health Monitoring, Artificial Intelligence based Precision Agriculture, Optimization Techniques.

**TEACHING INTERESTS**

Basic Electronics, Network Analysis and Synthesis, Signals and Systems, Digital Electronics, Electric Circuit Analysis, Measurement and Instrumentation, Electron Devices, Network Theory, Electronics and Microprocessors, Antennas and Wave Propagation, Digital Signal Processing, Advanced Digital Signal Processing, Digital Image Processing, Cloud Computing.

**EXPERIENCE**

Associate Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2020 - present

Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2011 - 2020

Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2009 - 2011

Lecturer, Electronics and Communication Engineering, Kalasalingam University, Srivilliputhur, Tamil Nadu, India, 2008-2009

**EDUCATION**

Degree	Branch / Specialization	University	Class	Mode	Month & Year of Passing
Ph.D.,	Information and Communication Engineering	Anna University	-	Part Time	December 2018
M.E.,	Applied Electronics	Anna University	First Class	Full Time	June 2008
B.E.,	Electronics and Communication	Anna University	First Class	Full Time	April 2006

**SUMMARY OF INTERNATIONAL JOURNAL & CONFERENCE PUBLICATIONS - [PUBLISHED & ACCEPTED]**

Year	International Journal Publications	International/National Conference Publications	Book Chapters publications
2008 - 2021	26	25	5

**RESEARCH GUIDANCE**

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	-	3
Master of Engineering - Master's Thesis advising	16	1

**PROFESSIONAL MEMBERSHIPS**

1	Life Member of ISTE
2.	Member of IAENG

**AWARDS/HONORS**

1. National Young Leaders Programme- NSS State Award
2. Reviewer Recognition - Elsevier, Wiley, Springer