

1. **Name of the Faculty** : SHAIK KHADER ZELANI
2. **Department** : ECE
3. **Faculty Id** : ECE21
4. **Designation** : ASSOC. PROFESSOR
5. **Years of Experience** : 14
6. **Email** : zelani786@gmail.com
7. **DOJ** : 21-12-2020
8. **Qualification** : M. Tech,(PhD)
9. **Phone** : 9705405999
10. **Date of Birth** : 19-08-1983
11. **Areas of Specialization** : ANTENNAS & SIGNAL PROCESSING
12. **Area of Research: ANTENNAS**
13. **Total Papers Published: 11**



**JOURNALS: 10**

**CONFERENCES: NATIONAL /INTERNATIONAL: 1**

1. A Single Layer And Dual Band Fed Circularly Polarized Planar Aperture Antenna Array Published In **SCOUPUS JOURNAL**( Journal Of Critical Reviews )Vol 7, Issue 15, 2020
2. Modelling Of Capacitive Pressure Sensor For Medical Applications Published In **SCOUPUS JOURNAL** (International Journal Of Pharmaceutical Research ) Vol 12 Issue 2,2020
3. A novel **AMC** loaded CPW-FED wide band antenna for 5G Applications published in **SCI JOURNAL**(Journal of Engineering Technology) Volume 7, Special Issue (Internet of Things),Oct. 2018, PP. 235-245.
4. Modified Authenticated Encryption Algorithms for resource constraint environments in noncemisuse resistant technique published in **UGC JOURNAL** (Alochana Chakra Journal) Volume IX, Issue VIII, August/2020
5. Performance of dual stage LMS algorithm of Antenna Receiver (Published in **NCCAS** – 24<sup>th</sup> March 2017)
6. Robust Interference Suppression Using a New **VSSNLMS** Based Adaptive Beam forming Algorithm (Published in **NCCAS** – 24<sup>th</sup> March 2017)
7. Compact Design and Simulation of WLAN Antenna (Published in **IJAEM**, Vol. 05, No. 02, May 2016)
8. Performance Evaluation of Smart Antennas Employing Adaptive Array Using PSO and Genetic Algorithm. (Published in **IJAEM**, Vol. 05, No. 06, November 2016)

9. Smart Antenna Algorithms using 4g Technology and WCDMA for mobile communication system (Published in NCARTCST - 30<sup>th</sup> September 2016)

10. Interference and Noise Suppression capability Adaptive Beam Forming mobile communications (Published in NCARTCST - 1<sup>st</sup> October 2016)

11. Attended an International Conference held by Interscience Research Network, Bhubaneswar on 26<sup>th</sup> July 2010 and presented a paper titled “Design of On-chip bus with OCP interface”

**14. WORKSHOPS / FDP’s/ STTP attended**

Name of the Workshop	Organized by	Duration (No.of days)	Date of Workshop
Next Generation Communications”	APSSDC	5	19 <sup>th</sup> – 23 <sup>rd</sup> Aug 2019
Internet Of Things	APSSDC	6	20 <sup>th</sup> – 25 <sup>th</sup> Jan 2020
Lasers & Laser Based Technology	ICT Based Short Term Course ON NITTTR Chandigarh	6	10 <sup>th</sup> to 14 <sup>th</sup> June 2019.
Emerging Trends In Machine Learning For Biomedical Applications	A Two week AICTE Sponsored FDP at NEC College	12	29 <sup>th</sup> July – 10 <sup>th</sup> Aug, 2019.
VLSI Chip Design Hands On Using Open Source EDA	One week FDP Program at NEC College	6	July 8 <sup>th</sup> – 12 <sup>th</sup> 2019
Design And Analysis Of RF Antennas Using HFSS	3-Day Faculty Development Program at Lakireddy Balireddy Engineering College	3	29 <sup>th</sup> &1 <sup>st</sup> Dec 2016
Faculty Knowledge Program	IBS Business School at Vijayawada	1	21 <sup>st</sup> July,2016
Recent Trends In Systems & Signal Processing	A One day Workshop for Faculty on Lakireddy Balireddy Engineering College, Vijayawada.	1	22 <sup>th</sup> & 27 <sup>th</sup> June 2013
“Recent Advances In Microwave Engineering And Its Applications	Two week Faculty Development Program	12	28 <sup>th</sup> Oct 2013 to 09 <sup>th</sup> Nov 2013
Analog Electronics	A Two-week ISTE Workshop Conducted by IIT, Kharagpur	12	04 <sup>th</sup> to 14 <sup>th</sup> June, 2013
RF System Design	One day National Workshop by M/s Rodhe & Schwarz	1	18 <sup>th</sup> December, 2011.