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(Ratified by Jawaharlal Nehru Technological University Kakinada)
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Education

- 2017-2021 : PhD in ECE, Centurion University, Odisha
2013-2015 : M.Tech in ECE, JNTUK, Kakinada, AP
2006-2008: MS in ECE, IIT, Pune, Maharashtra
2000-2004 : B Tech in ECE, Biju Patnaik Technical University, Odisha

Academic Experience: 15 years

Currently working as Associate Professor in the Department of Electronics and Communication Engineering, Raghu Engineering College.

- June 2010 – July 2023
- Associate Professor, Dept of ECE, Raghu Institute of Technology, Visakhapatnam
 - Additional Controller of Examinations.
- Dec 2008 – Jan 2010
- Assistant Professor, Department of ECE, Pydah College of Engineering and Technology

Subjects Taught

- Digital Electronics
- Computer Networks
- Digital signal processing
- Analog communications
- Signals and Systems
- Digital Design through Verilog
- Electro Magnetic Waves and Transmission Lines
- Data Communications

Publications: Total : 20; SCI: 03 ; Scopus: 06

Citations: 56 :: H-index – 4, i10 index – 1

B. Journals:

SCI - 03, SCOPUS-02

1. B Sekhar, P Udayaraju, NU Kumar, KB Sinduri, B Ramakrishna, **BR Babu** (2023) Artificial neural network-based secured communication strategy for vehicular ad hoc network, ...Soft Computing 27 (1), 297-309

SCI : Impact Factor – 0.555

2. PT Selvi, TS Sri, MN Rao, **BR Babu**, KV Rao, A Srikanth (2022) Toward efficient security-based authentication for the internet of drones in defense wireless communication *Soft Computing* 26 (10), 4905-4913

SCI : Impact Factor – 0.555

3. **Babu, B. S. S. V.**, Chowdary, P. S. R., & Mishra, S. (2021). *Evolutionary Computing Tools based Design of Elliptical Antenna Array for Amplitude-Position Technique*, *Journal of Scientific and Industrial Research (CSIR-NISCAIR)*, 80 (3), 255-259.

SCI : Impact Factor – 0.555

4. **Babu, B. R.**, Chowdary, P. S. R., & Mishra, S. (2020). Angular Position-Only Technique Based Design of Elliptical Antenna Arrays Using Evolutionary Computing Tools. *Solid State Technology*, 63(1s), 2274-2282.

SCOPUS

C. Conferences: SCOPUS-14

1. Bokka Veera Venkata Sai Durga, Bodapati Lohitha Sri Varshini, Akella Naga Venkata Surya Anirudh, M.S.S.S. Srinivas, Akash Kumar Gupta, **B.S.S.V. Ramesh Babu**, Wireless, Antenna & Microwave Symposium -2023 organized by Pandit Deendayal Energy University on 07-10 June 2023 titled as "Design of An Ultrawideband Antenna with triple notch band characteristics"
2. **Ramesh Babu, BSSV**; Mishra, Satyasis; Chowdary, PSR ,2nd International Conference on Computer and Communication Technologies IC3T-2016 Organized by MIC College of Technology held on 5th & 6th Nov-2016 titled as "Performance of Optimized Reversible Vedic Multipliers". **SCOPUS**
3. **Ramesh Babu, BSSV**; Mishra, Satyasis; Chowdary, PSR 1st International Conference on Smart Computing and Informatics SCI-2017 Organized by ANITS College of Engineering held on 3rd & 4th March-2017 titled as "On the Reduction of partial products using Wallace Multiplier". **SCOPUS**
4. **Ramesh Babu, BSSV**; Mishra, Satyasis; Chowdary, PSR Springer 3rd International Conference on Smart Computing and Informatics SCI-2018 Organized by KIIT Deemed to be University, Bhubaneswar held on 21st & 22nd December-2018 titled as "Synthesis of Null Patterns with Constraints using Flower Pollination Algorithm". **SCOPUS**
5. **Ramesh Babu, BSSV**; Mishra, Satyasis; Chowdary, PSR IEEE conference on ICISGT-2019 organized by IEEE Vizag bay Subsection held on 29th & 30th June 2019 titled as "OPTIMAL SYNTHESIS OF ELLIPTICAL ANTENNA ARRAY". **SCOPUS**
6. **Ramesh Babu, BSSV**; Mishra, Satyasis; Chowdary, PSR" Synthesis of Null Patterns with Constraints Using Flower Pollination Algorithm", International Conference on Synthesis of Null Patterns with Constraints Using Flower Pollination Algorithm,2020, Springer Lecture Notes in Electrical Engineering **SCOPUS**
7. AV Swathi, AK Gupta, M Srinivas, **BR Babu**, P Satish Rama Chowdary Rectangular Slotted Elliptically Placed Compact Antenna For Wide Band Applications at K and Ka Bands, Computer Communication, Networking and IoT: Proceedings of 5th ICICC 2021 **SCOPUS**

Funding from AICTE/DST

- Received a grant of Rs.1,00,000 from AICTE under Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES).

Patents Published/Granted : 02

<i>Title</i>	<i>Date</i>	<i>Country</i>	<i>Status</i>	<i>Application Number</i>
A system and method for analyzing dynamic out-of-home advertising based on real-time viewers biometric information	18.06.2021	India	Published	202141023045
Isotropic antenna based on the AI&ML interface having multi-functional guide-wire assemblies	20.08.2021	India	Published	202141036940

IEEE Activities:

- Serving as a Vice-Chair, Educational Society Chapter, IEEE Vizag Bay Section
- Served as Secretary, Educational Society Chapter, IEEE Vizag Bay Section
- Served as a Proctor the IEEE Xtreme Programming 13.0, 14.0, 15.0 & 16.0 from 2019 to 2022
- Member, IEEE APS Education Activitie

Membership in Professional organizations

- Fellow, Institute of Electronics and Telecommunication Engineers (FIETE)
- Life Senior Member, Wireless Antenna Microwave Symposium Society (WAMS-S)
- Senior Member, Institute of Electrical and Electronics Engineers (IEEE)
- Member in International Association of Engineers (IAEng).
- Member in ICSES
- Member in Institute of Scholars (InSc)

(Dr BSSV Ramesh Babu)