



Dr.Vamseekrishna Allam

Career objective

Being part of an organization where I have the opportunity to utilize my teaching, research and administration skills to contribute in progress of the organization as well as myself.

Contact Information

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Bandaluppi, Naidu street, Parvathipuram, vizianagaram, Andhrapradesh, INDIA, 535527

Present Designation

Associate Professor, Dept.of ECE, Raghu Engineering College, Visakhapatnam, A.P., INDIA

Summary of Research activities, Experience and Publications

Research activities Design and Development of IoT controlled frequency reconfigurable antennas for wireless IoT applications.

Experience 12 Years

Publications 17, As a First Author-16

[SCI (4) - (IEEE (1), Journal of Instrumentation - Q1 (1), PIER (1) , AIC and SP (1)), 8 Scopus journals, Springer (2) and 3 Non Scopus]

International Conferences 5

Patents 3 Patents-Published.

GATE All India Rank: 6370

Citations Citations-120;hindex-7;i10index-6

Education Qualification

PhD Doctor of Philosophy
(June-2020) Specialization : **Electronics and Communication Engineering**.
K L University, Guntur.
Thesis :**Analytical study on compact frequency reconfigurable On chip antennas for wireless IoT applications”**
Advisor: Dr. B.T.P.Madhav (Professor,Associate Dean R & D)
Mode: **Part Time**

M. Tech Specialization : **VLSI and Embedded Systems**
(2009-2011) *JNTUK, A.P,India.*
Project : “**Low power H.264 video compression architecture for mobile applications”**
Advisor: M. Rajinee. (Associate Professor)
Mode: **Regular**
Percentage: 71.78 - First Class with DISTINCTION

B. Tech Specialization : **Electronics and Communication Engineering**
(2005-2009) JNTUK, A.P, ,India
Mode: **Regular**
Percentage: 70.58 - First Class with DISTINCTION

Experience

Teaching Experience Working as Associate Professor in Department of Electronics & Communication Engineering, Raghu Engineering College, Visakhapatnam,A.P.

(12 Years) Duration : 8th Feb 2021 - present.

- Associate Professor, Dept. of Electronics and Communication Engineering,K L University,Guntur. Duration : 15th Sep 2015 - February 6th 2021.
- Assistant Professor, Dept. of Electronics and Communication Engineering, Vignan’s Institute of Information Technology, Visakhapatnam. Duration : June 6th 2012 - August 3rd 2015.
- Assistant Professor, Dept. of Electronics and Communication Engineering, Gokul Institute of Science and Technology, Vizianagaram, India. Duration : Jun 2nd 2011 - May 31th 2012.

Subjects Handled

Analog Communication, Signals and systems, Digital signal processing, Micro Processors, Micro Controllers, Embedded Systems, Linear integrated circuit analysis, Pulse and digital circuits and VLSI Design.

<https://drive.google.com/drive/folders/10F0VddYONx60HxFFuyshXnwD6uaXxOtR?usp=sharing>

Skills

Programming Language **MATLAB, Verilog HDL and Embedded C**

Tools **Python, CST Microwave Studio, HFSS, Vivado and MATLAB.**

Administrative work

Exam section In-Charge, Professor In-Charge Academics

NBA, NAAC Criteria-2 Coordinator

Practice school, Industrial visits and Internship In-Charge

Placement In-Charge

Journal Publications

- Journal of Instrumentation (Published **2021-DEC**) **Vamseekrishna A.**, Madhav, B.T.P., Gopi, D. and Phanindra Vinay, K., 2021. NodeMCU controlled tortoise-shaped bandwidth reconfigurable antenna for 4G and 5G applications. Journal of Instrumentation, 16(12), p.P12004.
- Analog IC and Signal Processing (Published **2021-MAY**) **Vamseekrishna A.**, Madhav, B.T.P. Anilkumar, T. A low-profile internet of things-controlled frequency reconfigurable triple band antenna for microwave sensing applications. Analog Integr Circ Sig Process (2021). <https://doi.org/10.1007/s10470-021-01884-1>
- Journal of Physics (Published **2020**) **Vamseekrishna A.**, and B. T. P. Madhav. "A novel reconfigurable G shaped patch antenna for wireless IoT applications using BAR64-02W PIN diode", Journal of Physics: Conference Series, 2020, 1706(1), 012095.
- IEEE (Published **2019**) **Vamseekrishna A.**, and B. T. P. Madhav. "An Internet of Things controlled octahedron frequency reconfigurable multiband antenna for wireless applications." IEEE SENSORS LETTERS, Volume: 3 , Issue.10, Oct. 2019.
- PIER (Published **2019**) **Vamseekrishna A.**, and B. T. P. Madhav. "A Novel Reconfigurable Antenna with Integrated Bandpass Filters for IoT Applications." in Progress In Electromagnetics Research-C, Vol. 96, 13–26, 2019.
- IJITEE (Published **2019**) **Vamseekrishna A.**, and B. T. P. Madhav. "A novel h-shaped reconfigurable patch antenna for IoT and wireless applications", International Journal of Innovative Technology and Exploring Engineering, Vol. 8, Issue 7, 1757–1764, 2019.
- Springer (Published **2018**) **Vamseekrishna A.**, , and B. T. P. Madhav. "Planar Switchable Notch Band Antenna with DGS for UWB Applications." In Lecture notes in electrical engineering, pp. 509-518. Springer, 2018.
- Springer (Published **2018**) **Vamseekrishna A.**, and B. T. P. Madhav. "Defected Ground Structure Switchable Notch Band Antenna for UWB Applications." In Smart Computing and Informatics, pp. 139-145. Springer, 2018.
- IJET (Published **2018**) **Vamseekrishna A.**, and B. T. P. Madhav. "A Frequency Reconfigurable Antenna with Bluetooth, Wi-Fi and WLAN Notch Band Characteristics." International Journal of Engineering and Technology, 7, no. 2.7 (2018): 127-130.
- JARDCS (Published **2017**) **Vamseekrishna A.** , and B. T. P. Madhav. "Reconfigurable notch band antenna using pin diodes". Journal of Advanced Research in Dynamical and Control Systems, vol. 9, pp. 1746-1754, 2017.

IJET **Vamseekrishna A** , Jyothshnasri, P., Aiswarya, V., Sameer, S.. “Smart restaurants”.International Journal of Engineering and Technology, Volume 7, Issue 2, 2018, (Published 2018) Pages 54-57.

IJSTR **Vamseekrishna A** ,Marella, S.T., Karthikeya, K., Myla, S., Sai, M.M. “Detecting fraudulent credit card transactions using outlier detection”. Volume 8, Issue 10, October 2019, (Published 2019) Pages 630-637.

IJARCSMS **A Vamseekrishna**, V Kishore, B Lakshmi.“Variable Block Size Motion Estimation using Pixel Truncation for H. 264 Video Compression”. International Journal of Scientific and Technology Research, Volume 1, Issue 7, December 2013, Pages 303-311. (Published 2013)

Patents

Investigator Vamseekrishna Allam and B.T.P. Madhav

Title-1 INTERNET OF THINGS CONTROLLED OCTAHEDRON FREQUENCY RECONFIGURABLE FILTERING ANTENNA FOR CDAC APPLICATIONS.

Appl. No. 202041048946 A.

Status Published.

Investigator Vamseekrishna Allam and B.T.P. Madhav

Title-2 Design and analysis of implantable miniaturized circularly polarized jute textile antenna for WLAN and ISM band applications.

Appl. No. 202041053617 A.

Status Published.

Investigator Vamseekrishna Allam and B.T.P. Madhav

Title-3 Design and analysis of a flexible MIMO Antenna with a defected ground structure for ISM,Wi-MAX, and WLAN applications.

Appl. No. 20204105616 A.

Status Published.

Professional Memberships

- International Association of Engineers
- The society of digital information and wireless communications

Scopus Data

- Citations: **106**
- h-index: **6**
- i10-index: **5**
- <https://www.scopus.com/authid/detail.uri?authorId=57200091933>

Reviewer of Journals

- Selected Topics in A Reconfigurable antennas.– **IEEE Journal**
- IEEE Access.– **IEEE Journal**
- IETE Technical Review.– **IETE Journal**
- Progress in Electromagnetics Research– **PIER, PIER B,C,M, PIER Letters**
- <https://publons.com/dashboard/summary/>

Awards and Honors

- **Young Researcher Award-2021** Institute of scholars(Insc)
- **Aggregate topper** Under graduation (B.TECH) 2005-2009 batch, JNTUK, A.P.
- **Aggregate topper** post graduation (M.TECH) 2009-2011 batch, JNTUK, A.P.
- Received "**Best Teachers award**" for the overall academic performance at K L University, Guntur.
- Received "**Best Coordinator**" from Smart India Hackathon -2020.
- **Ratified** as an Assistant Professor in the department of ECE by JNTUK.

Workshop/ FDP

1. Attend One week Faculty Development Program (FDP) on **COGNITIVE RADIO, ANTENNAS and MILLIMETRE WAVE COMMUNICATION** , 2021-06-07 to 2021-06-11 by AICTE Training And Learning (ATAL) Academy.
2. Attend One week Faculty Development Program (FDP) on **ICT TOOLS** from 11th to 16th May 2020.
3. Attend one day Workshop on "**References using endnote** on May 20,2020.
4. Attend **Faculty Skill Enhancement (OBE)**Program, organised by the Academic Staff College,K L University, Guntur, during 13th -15th April 2018.
5. Conducted 6 webinars as a "**Webinar Co-Ordinator** from 26th april to 11th June 2021 organized in K L University, Guntur.

ID's

- 1 LinkedIn ID-<https://www.linkedin.com/in/dr-vamseekrishna-allam-a8872319>
- 2 Skype ID-+91 7032923476
- 3 ORCID Id-<https://orcid.org/0000-0001-6793-0593>
- 4 Web of Science Researcher ID-AAG-2667-2019
- 5 Research Gate ID-Vamseekrishna Allam with RG Score:5.4
- 6 Youtube channel:<http://tiny.cc/dravktechskills> ,540 subscribers

References

- 1 Dr.B.T.P. Madhav
Designation - Professor,Associate Dean R and D
Department of ECE, K L University, Guntur, India
Email: btpmadhav@kluniversity.in
- 2 Dr.S.Koteswararao.
Designation - Professor & Retired Scientist "G", NSTL,. Visakhapatnam
Department of Electronics and Communication Engineering
K L University, Guntur, India.
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- 3 Dr.M. Suman.
Designation - Professor & HOD ECE, Deputy Registrar

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4 Dr.V.S.V. Prabhakar

Designation - Professor, Director-Industry Connect
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Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Station:

Signature

Date:

(Dr. Vamseekrishna Allam)