Name : **Dr. K.KALYANA SRINIVAS**
Designation:Assistant Professor
Department:ECE
Mail ID: kalyanasrinivas_k@vnrvjiet.in
Experience (in years): Teaching:10 yrs   Research: Others (If any**,**

1.Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2021	Satellite Communications
2	M.Tech	2011	RF&MICROWAVE
3	B.Tech	2009	ECE
4	Intermediate	2005	MPC
5	SSC	2003	

2.Teaching and Learning:
   2.1. Teaching Interests: MICRO WAVES,RADAR,AWP,EMTL,SAT.COM.,ES,AI
   2.2.Novel Teaching & Learning Techniques adopted:
   2.3.Involvement in curriculum updating / Design:
3. Co-curricular and Extra-Curricular Activities
   3.1. Interests and Hobbies: MUSIC
   3.2. CCA/ECA Organized:
   3.3. CCA/ECA participated:
   3.4. Counseling and Mentoring Activity: Yes
   3.5. Committees involved in:
       Department level: Placement, Buzz Words
       Institute Level: Placement
4. Conference / Workshop / Seminar / Guest Lectures:
   4.1.Conducted:
   4.2.Attended:IEEE-Satellite Communications
5. Academic Contribution and Research & Consultancy:
   5.1. Invited Lectures:
   5.2. Articles/Chapterspublished inBooks:
   5.3. Bookspublishedassingleauthororaseditor:
   5.4. Projects Guided: a) UG:11
                    b) PG:2
5.5. Research Interests:Fade Dynamics,Cloud Attenuation
5.6. Ph.D: students:
        a) Enrolled:No
        b) Submitted:
        c) Awarded:
5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	IJERA: Estimation of water vapour Attenuation	IJERA VOL5 APRIL ISSUE	2248-9622	1.5	INTERNATIONAL

	and Rain Attenuation				
2	The prediction of Rain fade slope on satellite link and calculation of the slope of the Attenuation component from measured time series	IJIEERC	2321-5526	4.85	INTERNATIONAL
3	Statistical Analysis of Rain Fade And Fading Duration Effect And Importance of Fade Duration Information	IJESR	ISSN:2230-8504;E-ISSN-2230-8512	0.8	INTERNATIONAL
4	"Diligent inquiry of lower level atmospheric clouds attenuation on earth space path links for certain Indian localities" in the, Software Tools,	"Cluster Computing"- The Journal of Networks ,SCI-E::WOS(Science Citation Indexed-Expanded::Web of Science Indexed)Journal:(1) 14th March2018	ISSN 1386-7857; Volume Number:16;		INTERNATIONAL (Springer)
5	Unprecedented changes in microwave signals of rain and cloud attenuation data at MCF-Hassan before the onset of	JARDCS	1943-023x	0.9	INTERNATIONAL

	Hud Hud cyclone at Visakhapatnam			

5.8. Papers presented at National / International conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	ICICC: Rain Fade Attenuation at Indian region by Fade Mitigation Techniques	ICICC2015	INTERNATIONAL	FEB2015
2	Analysis of Interference issues and impact of fade mitigation techniques on interference at 26Ghz frequency	INCEMIC 2015	INTERNATIONAL	JULY2015
3	Prediction of Fade Duration at Millimeter Wavelengths Using Rain Attenuation Models	IACC 2016: IEEE CONFERENCE	INTERNATIONAL	FEB2016
4	Artificial Intelligence based predictive threat hunting in the field of cyber security	GCAT 21 conference conducted by Nagarjuna College of Engineering and Technology, in association with IEEE Bangalore	INTERNATIONAL	03.10.2021
5	Satellite based road tagger GPS radio navigation system with integration of Artificial Intelligence	4th International conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE2021) conducted by AMITY university, NCR, in association with IEEE Delhi section	INTERNATIONAL	08.10.2021

6	Mental Health Disorder Analysis UsingConvolution Neural Network Based Speech Signal Model with Integration	4th International conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE2021) conducted by AMITY university, NCR, in association with IEEE Delhi section.	INTERNATIONAL	08.10.2021
7	Ear-Based Biometric System Using Artificial Intelligence	ISPCC2K21	INTERNATIONAL	09.10.2021
8	Skin Pathology Detection Using Artificial Intelligence	ISPCC2K21	INTERNATIONAL	09.10.2021
9	Infection Segmentation of Leaves Using Deep Learning Techniques to Enhance Crop Productivity in Smart Agriculture	ISPCC2K21	INTERNATIONAL	09.10.2021
10	Design Of Memristor Based Logic Gates for Low Power Wireless Sensors in Biomedical Applications	ISPCC2K21	INTERNATIONAL	09.10.2021
11	Artificial Intelligence-Based Algorithms for Driver Distraction Detection	ISPCC2K21	INTERNATIONAL	09.10.2021
12	Mental Health Disorder Analysis Using Convolution Neural Network Based Speech Signal Model with Integration of Artificial Intelligence	4th International Conference on Recent Developments in Control, Automation, &Power Engineering(RDCAPE)	INTERNATIONAL	Presented, 15.12.2021
13	Design, Analysis & Comparison of Novel, High-Speed	IEEE Conference on IoT for Rural Health Care(CIRH21),Organised	INTERNATIONAL	Presented, 15.12.2021

	Multiplier using Ripple Carry Adder and Compressors	by Vignan's Foundation for Science, Technology and Research, Guntur		
14	Artificial Intelligence based Smart Traffic Control with Multi Agent Intersection System	International Conference on Artificial Intelligence: Theory and Applications AITA-2021, Organized by Dept. of ECE, NIT- Patna, India	INTERNATIONAL	Presented, 21.12.2021
15	Applications of Artificial Intelligence in Robotics for Human Habitation on MARS	International Conference on Artificial Intelligence: Theory and Applications AITA-2021, Organized by Dept. of ECE, NIT- Patna, India	INTERNATIONAL	23.12.2021 - 24.12.2021
16	Role of Artificial Intelligence in Agriculture and its Applications in Farming	International Conference on Artificial Intelligence: Theory and Applications AITA-2021, Organized by Dept. of ECE, NIT- Patna, India	INTERNATIONAL	23.12.2021 - 24.12.2021
17	Role of Artificial Intelligence in the diagnosis of Chronic Skin Diseases and its necessity	International Conference on Artificial Intelligence: Theory and Applications AITA-2021 ,Organized by Dept. of ECE, NIT- Patna, India	INTERNATIONAL	23.12.2021 - 24.12.2021
18	Role of Artificial Intelligence in detecting lung cancer using low radiation dose computed tomography	International Conference on Artificial Intelligence: Theory and Applications AITA-2021 ,Organized by Dept. of ECE, NIT- Patna, India	INTERNATIONAL	23.12.2021 - 24.12.2021
19	Role of Artificial Intelligence - Robots during Covid-19 pandemic and its technological limits	International Conference on Artificial Intelligence: Theory and Applications AITA-2021 ,Organised by Dept. of ECE, NIT- Patna, India	INTERNATIONAL	23.12.2021 - 24.12.2021
20	Artificial Intelligence based Sensory System and Image Processing Strategies to assist Visually Impaired people in Daily-Life Activities	1st International Conference on Recent Trends in Electrical Electronics Communication and Instrumentation, Organized by CVR College of Engineering.	INTERNATIONAL	Impact Factor - 2.3, SCOPUS, 27.12.2021 - 28.12.2021

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

7. Motto: