Name of Teaching Staff	**Dr. M VENKATA SIREESHA**	
Designation	**Assistant Professor**	
Date of Birth	**20-06-1982**	
Unique ID	10363	
Education Qualifications	**Name of the Degree**	**Class**
Ph.D	**JNTU Kakinada**	**Awarded**
PG	**JNTU Kakinada**	**Distinction**
UG	**JNTU Kakinada**	**First class**

Work Experience

Teaching	10
Research	--
Industry	--
Others	--

Area of Specialization	**Image processing, Embedded systems**
Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate Diploma level	**Image processing, Digital signal processing, Analog communications, Electronic Devices**
Research guidance	

No. of papers published	National Journals – 0	International Journals – 8
	National Conference – 1	International Conference – 2
	Master	04
	Ph.D.	--

Projects Carried out	**CBIT Funded project**
Patents	**--**
Technology Transfer	**--**
Research Publications	--
No. of Books published with details	--
Details of Journal Publications/ Conferences (**National and International**)	

International Conference :
List of papers published in International Journals

1. "A Sturdy Nonlinear Hyperspectral Unmixing" by M.V.Sireesha,Panchala Venkata Naganjaneyulu, Kaparapu Babulu in IETE Journal of Research Print ISSN: 0377-2063 Online ISSN: 0974-780X , https://doi.org/10.1080/03772063.2020.1838345 Nov 2020,

2. "A Sturdy Nonlinear Hyperspectral Unmixing Algorithms using Iterative Block - Coordinate Descent Algorithm " by M.V.sireesha,Panchala Venkata Naganjaneyulu, Kaparapu Babulu in International Journal of Intelligent Engineering and Systems (IJIES) (ISSN: 2185-3118), vol.12,no.3,2019.,DOI:10.22266/ijies2019.0630.18

3. A Sturdy Non-Negative Matrix Factorization For Nonlinear Hyperspectral Unmixing by M. Venkata Sireesha, P V Naganjaneyulu K.Babulu, Journal Of Mechanics Of Continua And Mathematical Sciences, ISSN (Online) : 2454 -7190 Vol.-15, No.-1, January (2020) pp 248-262 , , https://doi.org/10.26782/jmcms.2020.01.00019, Jan 2020.

4. "Deep Learning based Firefighting Robot" by M.V.Sireesha, K.Ronith Raj, A.Trivedh, Md.Masiuzama in International journal of Scientific research and review (IJSRR) ISSN:2279-543X.,Vol.8,issue.4,April 2019, DOI 16.10089/IJSRR

5. "Automated Real- Time Detection of Object's Displacement Using Open source Computer Vision" by kavitha, M.V.Sireesha in International Journal of Electrical Electronics And Communication ISSN-2048-1069, Volume: 21, Issue: 19, Pg:4341-4346,sep 2016.

6. "Flow Chart Approach to Scalable Encryption Algorithm Design & Implementation" by Madhuriuppe, M.V.Sireesha, in International Journal & magazine of Engineering, technology, Management and Research ISSN No: 2348-4815 Volume No: 2, Issue: 7, Pg:2252-2262, July 2015.

7. Automated Control System for Air Pollution Detection in Vehicles", by MahammadAkthar, M.V.Sireesha in International Journal of Engineering and Technology Research, ISSN 2319-8885, Volume: 03, Issue: 32, Pg.: 6342-6347, Oct 2014.

8. "Passenger bus alert system for easy Navigation of blind", byDiravathchander, M.V.Sireesha in International Journal of Engineering Science and Research, ISSN-2277-2685, Volume: 4, Issue: 9, Pg.: 708-715, Sep 2014.

9. "Modern Power Management System Using ARM Controller", by CH.Maduridevi, M.V.Sireesha, International Journal of Electronics Communication and Computer Engineering, ISSN No: 2249-071X, Volume: 5, Issue: 1, Pg.: 112-114, Jan-Feb 2014.

List of papers published in international Conference

10. M.V.Sireesha, Panchala Venkata Naganjaneyulu, Kaparapu Babulu,"Hyperspectral Image Segmentation and Classification using Hybrid IB-CDA with Least Square Unmixing", IEEE conference April 2021, DOI: 10.1109/ICCES51350.2021.9489237.

11. M.V.Sireesha, Panchala Venkata Naganjaneyulu, Kaparapu Babulu," HCGAN-Net: Classification of HSIs using Super PCA based Gabor Filtering with GAN" IEEE Conference July 2022, DOI : 1109/ICDSIS55133.2022.9915861

List of papers published in National level Conference

12. "Agricultural Monitoring and control system based on Wireless sensor network technology", by M.V.Sireesha in AICTE and DRDO sponsored 3 - day National Conference on "Signal Processing & Embedded System Applications" conducted by Dept of ECE during 8th-10th July 20111 at CMR College of Engineering & Technology, Kandlakoya, Hyderabad.