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| **S.VAISHALI** | C:\Documents and Settings\Administrator\Desktop\TEACHING\20130801_151758.JPG |
| **Qualification : M.Tech ( (Ph.D -K. L University)**  |
| **Experience: 14 years** |
| **Area of Interest: Signal and image processing** |
| **Subjects Taught:****M.Tech:*** Digital Signal Processing and Architectures.
* VLSI Design and Technology.
* Speech processing.
* Image and video processing

**B.Tech:*** Electronics Devices and circuits.
* Electronics Circuit and analysis.
* Analog Communications .
* Pulse and Digital Circuits.
* Electronics Measurements And Instrumentation .
* Television Engineering.
* Satellite Communications .
* Microwave Engineering.
* Digital Image Processing
* VLSI Design
* Nanotechnology
* Analog Electronics
 |
| **Research Publications:** * **S.Vaishali**, G.V.Subba Rao, K.Kishan Rao “A Review On Noise Reduction Methods For Brain MR Images”.Internationalconference on Signal Processing And Communication Engineering Systems SPACES-2015 sponsored by IEEE ISBN NO:978-1-4799-6110-8.
* **S.Vaishali**, D.Lily **“** SVMAnd Graph-Based Artery/Vein Classification In RetinalImages **”** International Conference on Electronics, Communications and VLSI Circuits (ICECV-2015) December 06, 2015 – Hyderabad.
* Naveen kumar.S, **S.Vaishali**, .,V.Sabitha“Brain Tumors MR Image Segmentation and Classification based on Cellular Automata and Neural Network “ ISSN 2319-8885 Vol.02,Issue.13, October-2013, Pages:1390- 1395.
* **S.Vaishali**,G.V.Subba Rao"Segmentation of Lung Nodule and Extraction for Pulmonary Nodule Detection" International Journal of Pure and Applied Mathematics. Volume 117 No. 18 2017, 291-298 ISSN: 1314-3395.
* **S.Vaishali,** S.Satyanwesh Enhancing of a video with super resolution and wavelet transform, International journal for innovative engineering and management research,vol-06 Issue-11 NOV 2017.
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| **No of Projects guided:**

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| **UG** | **PG** |
| **25** | **16** |

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| **Workshops/Seminars/FDP’s Organized:*** Two-Day workshop on Implementing the Circuit on silicon” conducted in the academic year 2014-2015.
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| **Workshops/Seminars/FDP’s Attended:*** A one week Faculty Development Program on Computer Vision & Image Processing (CVIP-2017) in association with NIT Warangal at CMR Technical Campus,Hyderabad from 5-12-2017 to 9-12-2017.
* A two day National workshop on” Scientometric tools and techniques for research analysis” organized by KL University, vaddeswaram,Guntur from 27-09-2014 to 28-09-2014.
* TwoWeek ISTE Workshop on Computer Programming under the National Mission on Education through ICT, MHRD, New Delhi,conducted by IIT Bombay from 16-06-2014 to 21-06- 2014.
* IETE Two day workshop on Digital signal processing and applications organized by KITS Warangal on 08-2-2013 and 9-2-2013.
* IEEE one day workshop on Biomedical image analysisorganized by Osmania University ,Hyderabad on 18th Dec 2012.
* National Program on Technology Enhanced Learning organized by IIT Madras on 31st Aug 2012 and 1st Sep 2012.
* A Three day TEQIP National workshop conducted On “Speech signal processing and coding”, during 19th Dec -21st Dec 2011 in NIT , Warangal.
* A week Day workshop on High Impact teaching skills ,Faculty Empowerment program conducted by WIPRO, Hyderabad held during 19th -23rd Oct 2010 in Jayamukhi Institute of Technology &Science.
* MHRD, Govt. of INDIA sponsored course on Signals Systems and Transform Techniques conducted in July 2009 by NIT , Warangal.
* MHRD, Govt. of INDIA sponsored course on Analysis and Design of Electronic Circuits conducted in July 2009 by NIT, Warangal.
* National workshop on Development of forecasting Model for Finance and Market Data Using Computational Intelligence Technique conducted during 19th-21st Dec 2008 by NIT, Warangal .
* Capacity building for women managers in Higher Education organized in Sep 2007 by NIT, Warangal.
* Workshop in Low Power VLSI in DEC 2008. at Vaagdevi college of engineering, Warangal .
* Workshop on Women and Academic Leadership in March, 2006 at NIT, Warangal. International Symposium on IT for real world problems’ in Dec 2005 at Vaagdevi college of Engineering, Warangal**.**
* Workshop on Microprocessor & Microcontrollers in Dec 2004 at Vaagdevi College of engineering, Warangal
* Undergone a week-day training program on PSPICE (TINA PRO) at Sreenidhi Institute of Science & Technology,Hyderabad in June 2000.
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| **Conferences Attended:*** Internationalconference on Signal Processing And Communication Engineering Systems SPACES-2015 sponsored by IEEE , 2-01-2015 to 3-01-2015
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