

BIO DATA

Personal Details

Name : **S.MALARKHODI**

Designation : Professor

Date of Joining : 10.11.1995

Nature of Association : Regular

Email : malarkhodi@ksrct.ac.in



Academic Profile

S.No	Qualification	Institution	Board / University	Full Time/ Part Time	Percent age / CGPA	Year of passing	Class Obtained
1	Ph.D	Anna University Chennai	Anna University Chennai	Part Time	-	Sep 2013	I
2	M.Tech	SASTRA	SASTRA Deemed university	Full Time	6.9	March 2003	I
3	B.E	VLB Janaki Ammal college of Engineering Coimbatore	Bharathiyar university	Full Time	55	Dec1992	II
4	HSC	G.G.H.S School, Tiruchengode	Tamilnadu Stateboard	HSC	76	1988	I
5	SSLC	S.H.S School, Sankari	Tamilnadu Stateboard	SSLC	80	1986	I

Employment details with Experience

S.No	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF EXPERIENCE
			FROM	TO	
1	K.S.Rangasamy College of Technology	Professor	01.06.2014	Till Date	5.3
2		Associate Professor	01.06.2011	31.05.2014	3
3		Assistant Professor	01.12. 2005	31.05.2011	5.6
4		Senior Lecturer	01.12.2003	30.11.2005	2
5		Lecturer	10.11.1995	30.10.2001	5.11
5	VMKV Engineering college,Salem	Lecturer	01.12.1992	15.5.1995	2. 5
Total					24.2

List of Publications

INTERNATIONAL JOURNALS

1. **Malarkhodi. S** and Wahida Banu R.S.D., ‘Automatic Segmentation and Feature Extraction of Uterine Fibroid using Ultrasound Images’ ,European Journal of Scientific Research , Jan 2012, Vol. 69 ,No.1, pp. 52-60. Impact factor:0.483
2. **Malarkhodi. S** and Wahida Banu R.S.D., ‘Removal of Speckle Noise and segmentation of Uterine Fibroid with an Ultrasound Image’, Journal of Computer Science, April 2012, Vol .8, No.6, pp.965-970. Impact factor:0.563
3. **Malarkhodi. S** Effective segmentation of cervical cancer in magnetic resonance image International journal of research in engineering and technology 3 (1), 1-3 2014
4. **Malarkhodi,S S** Jagadeeswari Segmentation and Classification Using Artificial Neural Network of Cervical Cancer in Magnetic Resonance Image International Journal of Mathematics and Computer Research 2 (05), 408-415 2014
5. **Malarkhodi. S** ‘Identification of Medical plants using Gentic Algorithm and Recurrent Neural Network’ Asian journal of Information Technology 2016Vol. 15 ,No.23, pp. 4934- 4944

National & International Conference

1. **Malarkhodi. S** and Wahida Banu R.S.D., ‘uterus Image segmentation Using Multi-feature EM Algorithm based on Gabor Filter’, International conference on Advances in recent technologies in Communication and Computing, October-2010, pp.220-224.

2. **Malarkhodi. S** and Wahida Banu R.S.D., ‘FPGA implementation of uterus Image segmentation Using Multi-feature EM Algorithm based on Gabor Filter’, International conference on Computing Communication and Networking Technologies, June-2010, pp.1-6.
3. **Malarkhodi. S** A.Jaffarnisha, ‘segmentation of cervical cancer within uterine cervix image: an automatic approach’, national conference on recent trends in electrical technology march-2011
4. **Malarkhodi. S** M.Selvarani, ‘A new algorithm for the speckle reduction and segmentation of uterine fibroid ultrasound images’, international conference on high performance computing march 14-15, 2012, Isbn:978-1-4673-1039
5. **Malarkhodi. S** J.Saranya, ‘Filtering and segmentation of a uterine fibroid with an ultrasound images’, International conference on pattern recognition, Informatics and medical engineering, march 21-23, 2012
6. **Malarkhodi. S** Aswathi. sasiharan ., ‘segmentation and volume measurement of uterine fibroid on MRI Images,’ International conference on research and development prospects on engineering and technology march 29,30 ,2013 pp.50-55 Isbn:978-14673-4948
7. **Malarkhodi. S** lidiya lilly thampi, ‘segmentation of endometrial cancer using otsu algorithm- a threshold selection method’ , International conference on communication and signal processing April 2013 pp.1141-1145
8. **Malarkhodi. S** Ranjitha sitheswaran. ‘An effective automated system in follicle Identification for polycystic ovary syndrome using ultrasound images MAY 5, 2014
9. **Malarkhodi. S** M.Priya, ‘Despeckling of ultrasound kidney image using fuzzy similarity’, Knowledge collaboration in Engineering march 27, 2015
10. **Malarkhodi. S** Y.Dhivya. ‘Follicle Detection in ultrasound images of ovary’ March 20, 2015
11. **Malarkhodi. S** G.Durga nandhini. ‘ Noise reduction based on artificial bee colony algorithm’ Feb 27, 2015
12. **S.Malarkhodi.** Image based analysis for identification on Medical plants using ANT- Colony Algorithm IEEE sponsored 3rd international conference on Electronics and Communication 2016
13. **S.Malarkhodi** Detection of fungi disease in plant using automated system 2nd International conference on Engineering innovations and solutions, 178-186 2017
14. **S.Malarkhodi,** G.Nirmala Automation System for plant Recognition 4th International conference on trends in Technology and Engineering, 29-33 2017
15. **S.Malarkhodi,** B.Kavinkumar Data transmission through LIFI Technology international conference on modern Global research in Engineering Technology, 29-33 2018
16. **S Malarkhodi** An efficient computer aided abnormality Detection for kidney using random forest classifier international conference on Engineering and Advancement in Technology held 2018

List of Workshops / Seminar / STTP/FDPs Organized

Sl. No.	Title	Venue	Duration	Sponsoring Authority
Workshop/Seminar				
1	Deep Learning Challenges in Big Data Analytics	KSRCT	10.08.2017 & 11.08.2017	SERB

List of Workshops / Seminar / STTB/FDPs Attended

Sl. No.	Title	Venue	Duration	Sponsoring Authority
Workshop/Seminar				
1	Deep learning : smart tool for big Data challenge in health care	KSRCT	22/07/2017 & 23/07/2017	ICMR
2	Antenna Design and Simulation using ANSYS HFSS	K S Rangasamy College of Technology, Tiruchengode	6, March, 2017	--

Details of Membership In Professional Societies

S. No.	Name of Professional Body	Grade of Membership	Membership No.
1	ISTE	Life Member	Life Member: LM 42842
2	IETE	Life Member	Life Member M-217688

S.Malarkhodi