

Avinashilingam School of Engineering

Department of Biomedical Instrumentation Engineering

Books Published

	Name of the Faculty	Name of the book	Publisher	ISBN	Year of Publication
1.	Dr. Judith Justin	Hybrid Models for Speech Recognition, Enhancement and Quality Analysis	LAP LAMBERT Academic Publishing, Germany	978-613-8-38851-7	2018
2.	Dr.R.Vanithamani	Investigation on Speckle Reduction in Medical Ultrasound		978-613-5-82717-0	2018

Book Chapters Published

S.No.	Name of the Faculty	Title of the Paper	Published in with ISBN and Indexing	Pages & Year
1.	Judith Justin, Ila Vennila	Estimation of paralinguistic features and quality analysis of alaryngeal voice	Advances in Intelligent Systems and Computing book series- Springer ISBN: 978-81-322-2671-0 SCOPUS	pp. 775-786, 2016
2.	R. Dhivya, Judith Justin	Performance evaluation of a speech enhancement technique using wavelets	Advances in Intelligent Systems and Computing book series- Springer ISBN: 978-81-322-2671-0 SCOPUS	pp. 637-646, 2016
3.	R. Dhivya, Judith Justin	Assessment of speech denoising using a perceptual measure-PESQ	Advances in Intelligent Systems and Computing book series – Springer ISBN: 978-3-319-60618-7 SCOPUS	pp. 270-278, 2017
4.	R. Vanithamani, R. Renee Christina	Exudates in detection and classification of Diabetic Retinopathy	Advances in Intelligent Systems and Computing book series – Springer	pp. 252-261, 2017

			ISBN: 978-3-319-60618-7 SCOPUS	
5	R. Vanithamani, R.Dhivya	Thyroid nodule classification in medical Ultrasound images	Advances in Intelligent Systems and Computing book series – Springer ISBN: 978-3-319-60618-7 SCOPUS	pp 509-514, 2017
6.	R. Dhivya, Judith Justin	Wavelet thresholding techniques in speech signal denoising	IET Digital Library, ISBN :978-1-78561-786-7	pp. 1-5, 2018
7.	C. R. Renee, R. Vanithamani, R. Dhivya	Dental caries detection using NIR imaging technique	IET Digital Library, ISBN :978-1-78561-786-7	pp. 1-4, 2018
8.	K.Uma, J.Revathi, J.Anitha	Telemetry system for early detection of hyper-bilirubinemia in neonates	Telemedicine Technologies- Academic Press ISBN: 978-0-12-816948-3 SCOPUS	pp.71-87, 2019
9.	D. Hepsiba, Judith Justin	Role of Deep Neural Network in speech enhancement: A review	Communications in Computer and Information Science book series-Springer ISBN:978-981-13-9129-3 SCOPUS	pp.103-112, 2019
10.	A. Hari Priya, R. Vanithamani	Atherosclerotic plaque detection using Intravascular Ultrasound (IVUS) images	Lecture Notes in Computational Vision and Biomechanics book series-Springer ISBN: 978-3-030-00665-5 SCOPUS	pp.1417-1425, 2019
11.	K.V.Archana, R.Vanithamani	Diagnosis of coronary artery diseases and carotid atherosclerosis using Intravascular Ultrasound images	Communications in Computer and Information Science book series-Springer ISBN:978-981-13-9129-3 SCOPUS	pp.281-288,2019

12.	V.Sangeetha, Judith Justin, A.Mahalakshmi	Video based silent speech recognition	Lecture Notes on Data Engineering and Communications Technologies book series Springer ISBN: 978-3-030-24643-3 SCOPUS	pp. 269-277, 2020
13.	A.Mahalakshmi, R.Vanithamani	RFID based patient record management information system using LabVIEW	Lecture Notes on Data Engineering and Communications Technologies book series Springer ISBN: 978-3-030-24643-3 SCOPUS	pp. 303-311, 2020