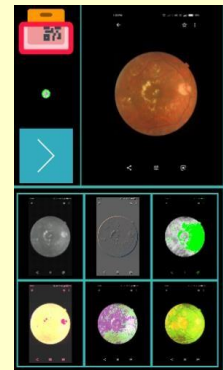
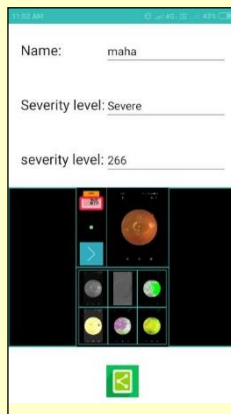


## Avinashilingam School of Engineering

### Department of Biomedical Instrumentation Engineering

#### Funded Projects

S.No	Title of the Project	Investigators	Funding Agency & Amount
1.	Blood Vessel Segmentation by C-means Clustering for Diabetic Retinopathy	PI: Dr. Judith Justin, Professor & Head  Co-PI: Dr.R. Vanithamani, Professor	Indian Council of Medical Research (ICMR)  Rs.20.56 Lakhs
2.	Early Diagnosis of Diabetes using IrisImage	PI: Mrs.J.Revathi, Assistant Professor  Co-PI: Mrs.D. Diana, Assistant Professor	Avinashilingam Institute of Home Science and Higher Studies  Rs.20,000.00
3.	Modernisation and Removal of Obsolescence (MODROB) in Biosensors and Transducers Laboratory	PI: Dr. Judith Justin, Professor & Head	All India Council for Technical Education (AICTE)  Rs. 8.5 Lakhs



**Early Diagnosis of Diabetes using IrisImage**

## Journal Publications

S.No	Name of the Faculty	Title of Paper/ Name of the Book Published	Published in with ISSN and Indexing	Volume, Pages & Year
1.	<b>K.Gokila</b> Ila. Vennila	Heuristic-based link quality preservation for reliable data delivery	International Journal of Communication Systems. ISSN: 1099-1131 Science Citation Index	Vol.30, e3304, 2017
2.	Dr.M.Rajeswari <b>C.Sivamani</b>	Survey on data dissemination process using Routing Protocols in MANET and VANET	Journal of Advanced Research in Dynamical and Control Systems ISSN: 1943-023X SCOPUS	Vol.15, pp.214- 221,2017
3.	Suresh H. Nagabhushana RB Basavaraj GP Dharshan B Dharuka Prasad D.Kavishree S C Sharma <b>R.Vanithamani</b>	Sio <sub>2</sub> @LaOF:Eu <sup>3+</sup> core-shell functional nanomaterials for sensitive visualization of latent fingerprints and WLED applications.	Journal of Colloid and Interface Science, Science Citation Index	Vol.518, pp. 200-215, 2018
4.	Deepthi N H, R B Basavaraj S C Sharma <b>J.Revathi</b> Ramani R H Nagabhushana	Rapid visualization of fingerprints on various surfaces using ZnO superstructures prepared via simple combustion route	Journal of Science Advanced Materials and Devices ISSN: 2468-2179 Science Citation Index	Vol.3, pp.18-28, 2018
5.	Dr.M.Rajeswari Dr K S Meena <b>Dr.C.Sivamani</b>	Performability of VBRCP in VANET using UGFT	International Journal of Innovative Technology and Exploring Engineering	Vol.8, pp.42-46, 2019

			ISSN: 2278-3075 Google Scholar	
6.	<b>C.Sivamani</b>	Two-Level Text Summarization with Sentiment Analysis for Multi-document Summarization	International Journal of Recent Technology and Engineering ISSN: 2277-3878 Google Scholar	Vol.8, pp.103-107, 2019
7.	R.Susithra <b>Judith Justin</b>	Design of Real time Health monitoring system using Surface Mount Device	Journal of Applied Science and Computations ISSN: 1076-5131 Google Scholar	Vol.6, pp.2621-2624, 2019
8.	R.Susithra, A.Mahalakshmi <b>Judith Justin</b>	A Robust Adaptive Multiscale Superpixels Segmentation in SEM image	International Journal of Recent Technology and Engineering Google Scholar	Vol.7, pp.161-166, 2019
9.	Pavithra D., Chandni P. Raja Rajeswari, Padmini D.  Vishnu Priya S. <b>Vanithamani R.</b>	Cardiac Telecare	Indian Journal of Public Health Research & Development ISSN: 0976-5506 SCOPUS	Vol.10, pp.1326-1328, 2019