



School of Electronics, Electrical and Biomedical Technology

Department of Electronics and Communication Engineering

Product developed:

- The patent and other items that were generated because of the students' efforts are detailed in the report. Based on views of innovation and applicability, management, and external financing bodies (IEDC, TNSCST etc.) have even backed the creation of new products and services on such innovation
- The department of ECE, by several means and measures, constantly effort to inculcate ideation and encourage students to realize their unique ideas into products through numerous research programs and community service projects.
- To expedite these procedures and encourage the development, the IEDC cell and ACIC-KIF of our campus have raised and rendered financial support to our students

Table below list few of the Products developed by the department of ECE during the Assessment years (Selective Only)

S.No	Name of the Product	Developed by	Industrial Support
1	Low-Cost Photomograph for Thyroid Dysfunction	Dr. M. Pallikonda Rajasekaran, Dr.P.Sivakumar	Raj Bio Electronics and Intelligent Private Limited
2	Programmable Vision Chart for screening test (Vision Chart)	Dr. M. Pallikonda Rajasekaran, Dr.V.Muneeswaran Dr. N. Pothirasan	Raj Bio Electronics and Intelligent Private Limited
3	LED Light Source	Dr. N. Pothirasan Dr. P. Sivakumar Dr. M. Pallikonda Rajasekaran, Dr. B. Veerasamy	Raj Bio Electronics and Intelligent Private Limited
4	Anterior Vitrectomy	Dr. N. Pothirasan Dr. P. Manikandan Dr. K. Pandiaraj Dr. K. Jeyaprakash	Raj Bio Electronics and Intelligent Private Limited
5	Analog Bi-Polar	Dr. N. Pothirasan Dr. G. Vishnuvarthanan Dr. T. Arunprasath	Raj Bio Electronics and Intelligent Private Limited

		Dr. Y. Chakrapani	
6	Digital Bi-Polar	Dr. N. Pothirasan Dr. G. Vishnuvarthanan Dr. T. Arunprasath Dr. Y. Chakrapani	Raj Bio Electronics and Intelligent Private Limited

Product Under Development (with published patent)

S.No	Name of the Product	Being Developed by	Industrial Support
1	Detection of Osteoarthritis using multiple edge detection techniques	Dr. J. Deny	ACIC - KIF
2	Real-time Smart Attendance monitoring system with Thermal Scanning	Dr. V. Hima Deepthi	ACIC - KIF
3	Alzhemier's Disease Detection using Ensemble of Classifiers	Mr. G. Ramesh	ACIC - KIF
4	Portable Temperature meter	Dr. M. Kalpana	ACIC - KIF
5	Automated system to monitor and prevent the spreading of Contagious (SARS cov-19) diseases using screening methodology	Hariesh R Pavan Kalyan B Chenna Reddy M	SELF