

**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)**

DEPARTMENT OF BIOMEDICAL ENGINEERING

FACULTY PUBLICATION DETAILS

ACADEMIC YEAR 2018-2019

| NAME OF THE STAFF | TITLE OF THE PAPER | NAME OF THE JOURNAL | NATIONAL/INTERNATIONAL | MONTH YEAR | ISSUE NO, VOLUME & ISSUE | DOI NUMBER | LISTED IN SCOPUS/WEB OF SCIENCE/UGC CARE/OTHERS | IMPACT FACTOR |
|--------------------------|---|---|-------------------------------|-------------------|---|---|--|----------------------|
| Dr.S.Mangai | A cluster-based intelligent transport system for emergency breaking system for bi-directional routing protocol in VANET | Journal of Advanced Research in Dynamic & control systems | International | Oct,2018 | Issue: 13- Special Issue Pages: 1073- 1086 ISSN 1943- 023X | 10.1109/IC CT.2010.5 689132 | Others | 0.31 |
| Dr.S.Mangai | Color detection and shade matching in Dentistry | International Journal of Advanced Research, Ideas and Innovations in Technology | International | April,2019 | Volume 5, Issue 2 Pages: 382- 385 ISSN: 2454- 132X | https://www.ijariit.com/manuscripts/v5i2/V5I2-1361.pdf | Others | 4.295 |
| S.Vigneshwaran | Blood cancer detection in microscopic images of human blood sample using image processing | International Journal of Advanced Research and Innovative Ideas in Education | International | April,2019 | Volume 5, Issue 2 ISSN: 2395- 4396 | - | Others | 4.295 |

| | | | | | | | | |
|-------------------------------|---|---|---------------|------------|--|---|--------|-------|
| S.Vigneshwaran | Lung cancer detection using spatial FCM with level set and neural network | International Journal of Advanced Research and Innovative Ideas in Education | International | April,2019 | Volume 5, Issue 2 ISSN: 2395-4396 | - | Others | 4.295 |
| P.Georgia Chris Selwyna | Development of a system to Detect Diabetes Mellitus via Facial key Block Analysis | International Journal of latest technology in Engineering, management and applied science | International | March,2019 | Volume 8, Issue 3 ISSN: 2278-2540 Pages: 14-18 | https://www.ijltemas.in/DigitalLibrary/Vol.8/Issue3/14-18.pdf | Others | 5.471 |

HOD/BME