

**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY  
(AUTONOMOUS)  
DEPARTMENT OF BIOMEDICAL ENGINEERING  
FACULTY PUBLICATION DETAILS**

**ACADEMIC YEAR 2020-2021**

<b>NAME OF THE STAFF</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE JOURNAL</b>	<b>NATIONAL/INTERNATIONAL</b>	<b>MONTH YEAR</b>	<b>ISSUE NO, VOLUME &amp; ISSUE</b>	<b>DOI NUMBER</b>	<b>LISTED IN SCOPUS/ WEB OF SCIENCE/ UGC CARE/OTHERS</b>	<b>IMPACT FACTOR</b>
Dr.S.Mangai	A Smart Transportation System in VANET based on Vehicle Geographical Tracking and Balanced Routing Protocol	International Journal of Communication systems	International	March, 2021	Vol. 34, Issue.4, ISSN: 1074-5351	<a href="https://doi.org/10.1002/dac.4714">https://doi.org/10.1002/dac.4714</a>	Scopus	2.047
Dr.S.Mangai	Automated Wearable Cardiac Pulse Regulator	International Journal for Science and Advance Research in Technology	International	March, 2021	Vol. 7, Issue. 4, ISSN : 2395-1052	<a href="http://ijsart.com/Content/PDFDocuments/IJSARTV7I443310.pdf">http://ijsart.com/Content/PDFDocuments/IJSARTV7I443310.pdf</a>	Others	6.224
Dr.S.Mangai	Multimodal Biometric Recognition with Fusion on Face Finger and Iris Pattern	International Journal for Science and Advance Research in Technology	International	April, 2021	Vol. 7, Issue. 4, ISSN : 2395-1052	<a href="http://ijsart.com/Home/IssueDetail/43353">http://ijsart.com/Home/IssueDetail/43353</a>	Others	6.224
Dr.S.Mangai	Automatic Detection of Bone Marrow Cancer from Microscopic Images Using CNN	International journal for Science and Advance Research in Technology	International	April, 2021	Vol. 7, Issue. 4, ISSN : 2395-1052	<a href="http://ijsart.com/Home/IssueDetail?id=43356">http://ijsart.com/Home/IssueDetail?id=43356</a>	Others	6.224
Ms.R.Indhu mathi	Diagnosis of Diabetic Retinopathy using Deep Neural Network	International Journal for Science and Advanced Research in Technology	International	May, 2021	2 Vol. 7, Issue. 4, ISSN : 395-1052	<a href="http://ijsart.com/Home/IssueDetail?id=46703">http://ijsart.com/Home/IssueDetail?id=46703</a>	Others	6.224