



# EASWARI ENGINEERING COLLEGE

(Autonomous)

Bharathi salai, Ramapuram, Chennai



## DEPARTMENT OF BIOMEDICAL ENGINEERING

### Technical Paper Publications Year 2024

S.No.	CY: 2024	Conference/ Journal
1	R. Kishore Kanna, <b>K. Yamuna Devi</b> , R. Gomalavalli, A. Ambikapathy, "Smart Detection and Removal of Artifacts in Cognitive Signals Using Biomedical Signal Intelligence Applications" IGI Global, DOI: 10.4018/979-8-3693-1479-1.ch013	Journal
2	<b>R. K. Ahalya</b> , Gloria F. Nkondo, and U. Snehalatha, "AUTOMATED DETECTION OF PARKINSON'S DISEASE BASED ON HYBRID CNN AND QUANTUM MACHINE LEARNING TECHNIQUES IN MRI IMAGES" Biomedical Engineering: Applications, Basis and Communications, ISSN (print): 1016-2372   ISSN (online): 1793-7132 <a href="https://doi.org/10.4015/S1016237224500054">https://doi.org/10.4015/S1016237224500054</a>	Journal
3	B. Sandhiya, S. Kanaga Suba Raja, <b>K. Shruthi</b> , S. Praveena Rachel Kamala, Brain tumour segmentation and classification with reconstructed MRI using DCGAN, Biomedical Signal Processing and Control, Volume 92, 2024, 106005, ISSN 1746-8094, <a href="https://doi.org/10.1016/j.bspc.2024.106005">https://doi.org/10.1016/j.bspc.2024.106005</a> .	Journal
4	<b>Babu .G. .</b> , Sathyanarayanan, E. ., Parasuraman, S. ., D, B. ., & Jaganathan, A. . (2024). Revolutionizing Human-Robot Interaction (HRI): Multimodal Intelligent Robotic System for Responsive Collaboration. <i>International Journal of Intelligent Systems and Applications in Engineering</i> , 12(15s), 47–54. Retrieved from <a href="https://ijisae.org/index.php/IJISAE/article/view/4713">https://ijisae.org/index.php/IJISAE/article/view/4713</a>	Journal
5	<b>Babu G</b> , Varsha Srinivasan, Rosiya Banu, Yuvadharani, <b>Sathish S</b> , <b>Shruthi K</b> , "automatic manual resuscitator using arduino: a review on wireless connectivity and alarm system integration" (2024), TANZ Journal DOI: 10.61350/TJ5254	Journal