

DEPARTMENT OF MECHATRONICS ENGINEERING



Pulkit Jain is working as an Assistant Professor in Department of Mechatronics Engineering at Chandigarh University, Punjab since 2017. He is also a PhD research scholar at Chandigarh University. He received his BE degree in Electronics and communication engineering from DAVIET, Jalandhar, in 2015 and his M. Tech. degree in ECE from GNDEC, Ludhiana, Punjab, in 2017. His area of research includes Image Processing, Machine Vision and Internet of Things. He has contributed in a few scientific journals.

PUBLICATIONS

Jain, P., Mallik, D., Gill, S.S.et.al. ASIC design of 4K-point RADIX-2 FFT in 0.18 μm CMOS technology Int. j. inf. tecnol. (2019). https://doi.org/10.1007/s41870-019-00334-6

Avinash Kumar, Adeel Beg, Pulkit Jain. (2020). CMG Method of Designing Self-Balancing Bicycles: A Review. International Journal of Advanced Science and Technology, 29(10s), 5928 -5937.

Jaskirat Singh, Pulkit Jain. (2020). Composite Material over Steel in Automobile Industry. International Journal of Advanced Science and Technology, 29(10s), 5945-5951.

Puru Gaur, Pulkit Jain. (2020)Bone Tissue Engineering: A New Hope. International Journal of Advanced Science and Technology, 29(10s), 5959-5964.



Book Chapters

Pulkit Jain, Aman Gupta, Mayank Verma, and Vivek Chauhan, "IoT-Based Home Electronic Appliances Control System with Voice Control", chapter in Wireless Sensor Networks and the Internet of Things Future Directions and Applications, 2021, CRC Press, ISBN: 9781771889612

Pulkit jain and Dr. Harjot Singh Gill, "Radiation Hardened Design Of Radix-2 FFT Processor", chapter in White Falcon Publications, 2018, ISBN: 978-93-88459-43-3

Prominent Conference Publications

Jain, P. and Chawla, P. (2020) "Design of an Intelligent System based on ML and IoT for Smart Refrigerator," International Conference on Computational Techniques and Intelligent machines (ICCTIM-2020), Baba Farid College, Bhatinda, Punjab, India.

Jain, P. and Chawla, P. (2020) "Design and Implementation of LiFi based DTMF controlled Bipedal Walking Robot," International Conference on Computational Techniques and Intelligent machines (ICCTIM-2020), Baba Farid College, Bhatinda, Punjab, India.

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