

## Published in International Journals

2017-2018

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### **Published in International Conference**

#### **2017-2018**

1. Ashish Kumar, Pinki Kumari, Priya Murmu, Santashraya Prasad, A. Islam, "Indium Phosphide based High Electron Mobility Transistor," *5th International Conference on Microelectronics, Circuits and Systems (Micro2018)*, Bhubaneswar, Odisha, India, 19-20 May 2018, vol. 2, pp. 10-13, Print ISBN: 81-85824-46-1.
2. Rohan Kumar, Om Prakash, Kumar Ankit, Vikash Kumar, Shashank Kumar Dubey and Aminul Islam, "Performance Analysis of CMOS LNA Using Active Inductors," *5th International Conference on Microelectronics, Circuits and Systems (Micro2018)*, Bhubaneswar, Odisha, India, 19-20 May 2018, vol. 2, pp. 43-46, Print ISBN: 81-85824-46-1.
3. Anushka Gon, Utkarsh Raj, Vikash Kumar and Aminul Islam, "Fractional Order Filter Design Using Two VDTA," *5th International Conference on Microelectronics, Circuits and Systems (Micro2018)*, Bhubaneswar, Odisha, India, 19-20 May 2018, vol. 2, pp. 47-50, Print ISBN: 81-85824-46-1.
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### Published in book chapters

#### 2017-2018

1. Kumar V., Mehra R., Majumder D., Khanna S., Prasad S., Islam A. (2018), " Process and Voltage Variation-Aware Design and Analysis of Active Grounded Inductor-Based Bandpass Filter", In: Sa P., Sahoo M., Murugappan M., Wu Y., Majhi B. (eds) *Progress in Intelligent Computing Techniques: Theory, Practice, and Applications. Advances in Intelligent Systems and Computing*, vol. 518, pp. 309-315, 13 July 2017. Print ISBN: 978-981-10-3372-8, Online ISBN: 978-981-10-3373-5, Publisher: Springer, Singapore, eBook chapter, [https://doi.org/10.1007/978-981-10-3373-5\\_31](https://doi.org/10.1007/978-981-10-3373-5_31).
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3. Wriddhi Bhowmik, Vibha Rani Gupta, Shweta Srivastava and Laxman Prasad, "Butler Matrix Fed Exponentially Tapered H-Plane Horn Antenna Array System Using Substrate Integrated Folded Waveguide Technology", *Devices and Computing, Lecture Notes in Electrical*

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