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Qualifications : Ph.D.(Electronics & Communication Engineering)

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Research Interest : VLSI DESIGN (BACK END), MICROELECTRONICS, MIXED SIGNAL DESIGNING, ANALOG INTEGRATED CIRCUITS, DIGITAL INTEGRATED CIRCUITS

+ Journal Publication Details:

2020:

1. **Meenakshi Gupta, Dr. V.K Sharma, 'Analysis, Design & Simulation of Analog to Digital converter'**, International Journal of Research & Engineering & Technology, Vol. 8, Issue 10, OCT 2020, ISSN 2321-8843, pp. 1-6, UGC approved Journal.

2019:

1. **Meenakshi Gupta, Dr. V. K Sharma & Bhanu Pratap Chaudhary, "Design an Operational Amplifier as a building block of Analog to Digital converter in 350 nm technology"**, paper published in ESCI Indexed Journal of Taylor And Francis through International Conference of data sciences, security and applications 2019, March 2019.

2016:

1. **Meenakshi Gupta & Mohit Sharma, " Smart Wheel Chair"**, International Journal of Industrial Electronics & Control, Volume -8, Number 1, 2016, pp 1-6, , January 2016.
2. **Meenakshi Gupta & Sarita Yadav, "Survey on Technique of Multimodal Biometric System"**, IJIRCCE Vol. 4, Special Issue 4, ISSN(Online): 2320-9801 ISSN (Print) : 2320-9798 August 2016, .
3. **Meenakshi Gupta & Aditi, "Switched Capacitor Circuits"**, IJIRCCE Vol. 4, Special Issue 4, ISSN(Online): 2320-9801 ISSN (Print) : 2320-9798, August 2016.
4. **Meenakshi Gupta & Megha Taneja, "Carbon Nanotubes as Interconnects"**, IJIRCCE Vol. 4, Special Issue 4, ISSN(Online): 2320-9801 ISSN (Print) : 2320-9798 August 2016.

2015:

1. **Meenakshi Gupta, "Stress Generation Techniques in Advanced CMOS"**, MR International Journal of Engineering and Technology, 2016, Volume 9, Issue 1, pp-1-6, January 2015.

2. **Meenakshi Gupta**, “**Surface Potential Solution for a nanoscale Double Gate MOSFET**”, in International Journal of Electronics and Communication Engineering, 2016, Volume 9, Issue 1, pp-1-6, January 2015.

2012:

1. **Meenakshi Gupta**, “**Design of Read-Out Integrated Circuit for ISFET based pH sensor with On-Chip Temperature compensation using 0.18µm UMC Technology**”, International Journal (IJECWKI), Volume 1, Issue 6, February 2012.

2011:

1. **Meenakshi Gupta & Indrash Babbar**, “**Design and calculation of two stage operational amplifier using 0.35µm micron technology**”, International Journal of Advances and Scholarly Researches in allied Education Publications, ISSN 2230-7540, Volume1, pp. 10-16, January 2011.

2010:

1. **Meenakshi Gupta & Shefali chopra**, “**Layout designing and analysis of two stage operational amplifier**”, International Journal of Microcircuits and Electronic international journal at the Research India Publication, Volume 1, Number 1 pp. 1—5, September 2010.
2. **Meenakshi Gupta & Chitra Gaba**, “**Bluetooth & Wireless LAN**”, Advances in Wireless and Mobile Communications international journal, ISSN 0973-6972 Volume 3, Number 2, pp. 157–163, September 2010.
3. **Meenakshi Gupta & Richa Maheshwari**, “**Multirate DSP and its technique to reduce the cost of the analog signal conditioning filters**”, International Journal of Computer Applications, FCS, New York, USA, <http://www.ijcaonline.org/archives/volume4/number10/862-1211>, August 2010.

+ Conference Details:

2020:

1. **Meenakshi Gupta, Dr. V.K Sharma**, ‘**Design the mathematical analysis & circuit of data converters**’, Published & presented in International Conference “ISMAC-CVP 2020”, St. Mother Theresa Engineering College, Tamil Nadu, India, 29 to 30 Oct. 2020. Published in Elsevier SSRN library.

2019:

1. **Meenakshi Gupta, Dr. V.K Sharma**, “**Design and Simulate the Modified Circuits of Switched Capacitor Filter using mentor graphics tool**”, presented & published in RDCAPE 2019. October 2019.
2. **Meenakshi Gupta, Dr. V. K Sharma & Bhanu Pratap Chaudhary**, “**Design an Operational Amplifier as a building block of Analog to Digital converter in 350 nm technology**”, paper published in ESCI Indexed Journal of Taylor And Francis through International Conference of data sciences, security and applications 2019, March 2019.

3. **Meenakshi Gupta, Shreya Gupta, Ravi Kumar, Vansh tara**, “Comparative design and simulation of different architectures of differential amplifier using EDA tool”published in Indiacom-2019, March 2019.

2013:

1. **Meenkshi Gupta & Nitika**, “Study of different method and issues in wireless networks”, NCACT 2013, national Conference MDU, Rohtak, haryana, India, 30th March 2013.

2010:

1. **Meenakshi Gupta**, “Design a switched capacitor filter sub circuits using 0.35 um micron AMS Technology”, International conference ICMEE-2010, IEEE Catalog Number: CFP1016K-PRT- ISBN: 978-1-4244-7480-6, Kyoto, Japan, volume 1, Page-6 , August 1-3, 2010.
2. **Meenakshi Gupta & Tushar Chugh**, “Vector 2703: An autonomous ground vehicle”, International conference ICMEE-2010, IEEE Catalog Number: CFP1016K-PRT- ISBN: 978-1-4244-7480-6, Kyoto, Japan, volume 2, Page-356, August 1-3, 2010.
3. **Meenakshi Gupta & Sanjana Malhotra**, “Comparison of Security Issues in Wireless Network”, International Conference ICSTE 2010, IEEE catalog number CFP1030LPRT- ISBN: 978-1-42448665-6, San Juan, Puerto Rico, USA, Volume 2,P-130, October 3-5, 2010.
4. **Meenakshi Gupta, Sanjana Malhotra & Shefali Chopra**, “CVD grown single walled carbon nanotubes (SWNTs) in organic solvents”, International conference ICM2ST- 10 on Methods and Models in Science and Technology, Chandigarh, India. ISBN 978-0-7354-0879-1, One Volume, P- 394-398, 25-26, Dcember 2010.
5. **Meenakshi Gupta & Vipin Chauhan**, “Design a switched capacitor filters using 0.35um technology”, Convener 2KX national Conference on Electronics & Communication, Jagadhri, Haryana, India, 19 - 20 February 2010.
6. **Meenakshi Gupta & Vipin Chauhan**, “Heralding a new future: NANOTECHNOLOGY”, ETCSIT-2010 national conference on Electronics & communication Faridabad, India, 24 April 2010.
7. **Meenakshi Gupta**, “Two Stage And Folded Cascode Operational Amplifier’ NCEDCT-2010 national conference on Electronics & communication, Kaithal, Haryana, 14 – 15 May 2010.

2009:

1. **Meenakshi Gupta**, “High Resolution Cyclic ADC using 0.35um AMS Technology”, ASTEC-2009 national Conference on Electronics & Communication Faridabad, haryana, India, 03 - 04 Feb 2009
2. **Meenakshi Gupta**, “Carbon Nanotubes in Organic Solvents”, ICIT-2009 International Conference on Electronics & Communication BhadurGarh, Haryana, India, 03 - 04 June 2009.

+ Book/Chapter Publications:

[1] Book published on “VLSI Design” in Manav Rachna Publication, Jan 2012.

+ Administrative Responsibilities:

Board of discipline Member, Member of library advisory committee, Admission committee associate head, convocation team member

