Faculty of Engineering & Technology

Department of Electrical & Electronics Engineering

List of Ph.D. Completed Scholars

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr.**  **No.** | **Regn. No.** | **Name of**  **Research Scholar** | **Father’s Name** | **Topic** | **Name of the Supervisor** | **Name of Co-Supervisor** | **RDC/ Degree Award Date** |
| 1. | 0715901 | Mr. Deepak Kedia | Sh. Prem Chand | Study and Performance Analysis of Multicarrier CDMA in Wireless Mobile Communication | Dr. Manoj Duhan | - | 14.10.2011 |
| 2. | 0815902 | Mr. Manoj Kumar | Sh. Malik Chand | Design Considerations and Performance Analysis of CMOS Low Power Circuits | Dr. Sandeep Arya | Dr. Sujata Pandey | 04.04.2012 |
| 3. | 0815901 | Mr. Sanjeev Kumar | Sh. Pritam Singh | Study and Performance Analysis of Multi channel Acoustic Echo Cancellation | Dr. Sandeep Arya | Dr.O. P. Sahu | 23.04.2013 |
| 4. | 0915903 | Ms. Shelly Singla | Sh.J.R.  Singla | Performance Evaluation of RoF Based Systems on Nonlinear Effects, Dispersion and Modulation Formats | Dr. Sandeep Arya | - | 12.02.2014 |
| 5 | 0915904 | Mr. Ranjit Singh | Sh. Sham Singh | Optimization Technique for the Design of IIR Digital Filters | Dr. Sandeep Arya | - | 10.07.2014 |
| 6 | 0915902 | Mr. Davinder Singh | Sh. Ranbir Singh | Evaluation and Analysis of Alternate Dielectric Material for ULSI | Dr.  Sandeep Arya | Dr. Mukesh Kumar | 15.01.2015 |
| 7 | 10159001 | Ms. Payal Verma | Sh. RajeevVerma | Designing, Modeling and Implementation of Vibratory Gyro- accelerometer Based on LIGA Process | Dr. Sandeep Arya | Dr. Ram Gopal | 29.05.2015 |
| 8 | 10159002 | Mr.Ramnish | Sh. Yad Ram | Modeling and Performance Analysis of Pseudomorphic High Electron Mobility Transistor | Dr. Sandeep Arya | Prof. Anil Kumar Ahlawat | 12.04.2016 |
| 9 | 0715903 | Mr. Ram Rakesh | Sh. Sardara Ram | A Study on Design for Reliability(DfR) Techniques in High Performance Electronic Circuits | Dr. K.S. Yadav | Dr. Vrendra Singh | 26.09.2018 |
| 10 | 12159001 | Ms. Pavika Sharma | Sh. Kuldeep Kumar  Sharma | Design Study and Performance Analysis of OFDMA for Broadband Wireless Systems | Dr.Deepak Kedia | - | 27.03.2019 |
| 11 | 12159002 | Mr. Anuj Singal | Sh. Shiv Kumar | Performance Analysis of MIMO-OFDM System in Ideal and Non-Ideal Environment | Dr.Deepak Kedia | - | 05.04.2019 |
| 12 | 16159001 | Ms.Monika | Sh. Sukhbir Singh | Design of an Improved Optical OFDM System and its Performance Analysis | Dr.Deepak Kedia | - | 29.08.2019 |
| 13 | 14159001 | Mr. Vikram Singh | Sh.IshwarSingh | Design and Analysis of Low Power and Low Noise CMOS Amplifiers | Dr.Sandeep K.Arya | Dr. Manoj Kumar | 25.10.2019 |
| 14 | 0715902 | Mr. Gaya Prasad Sinsinwar | Sh. Padam Singh | A Study on Performance Oriented Faults Testing in Electronics Circuits | Dr. K.S.Yadav | Dr. Vrendra Singh | 22.06.2021 |
| 15 | 14159003 | Mr. Jagtar Singh | Sh. Chuhar Singh | Design of Improved Techniques for Large Scale MU-MIMO System and Its Performance Analysis | Dr.Deepak Kedia | - | 22.06.2021 |
| 16 | 15159004 | Mr. Kuldeep Singh | Sh.Bir Singh | Improved Design of An Efficient Optical Communication System Link in the Presence of Dispersion and Fiber Non-  Linearities | Dr. Sandeep Kumar Arya | - | 08.07.2021 |
| 17 | 15159003 | Ms. Ritu | Sh. Chatter Singh | Performance Analysis of an improved Acoustic Source Localization method for single and multiple sources | Dr. Sanjeev Dhull | - | 19.04.2022 |
| 18 | 15159001 | Ms. Manisha | Sh. Ram Narayan | Design of an improved ECG Beat classifier using Neural Network | Dr. Sanjeev Dhull | Dr. K. K. Singh | 19.04.2022 |
| 19 | 14159002 | Mr. Jaswant | Sh. Ram Kishan | Design of An Improved Blind Equalizer Using Adaptive Technique and Its Performance Analysis | Prof. Sanjeev Kumar Dhull | - | 18.02.2022 |
| 20 | 14159004 | Mr. Vinod  Kumar | Sh. Bhoj Ram | Design of Array Configuration for Direction of Arrival  Estimation and Its Performance Analysis | Prof. Sanjeev  Kumar Dhull | - | 29.09.2021 |
| 21 | 14159005 | Mr. Anil Khatak | Sh. Ram Kumar Khatak | Design of High Speed & Ultra Low Power A/D Converter & Their Performance Analysis | Prof. Sanjeev Kumar Dhull | Dr. Manoj Taleja | 18.02.2022 |
| 22 | 17159002 | Ms. Sarika | Sh. Sitar Singh | Performance Enhancement of Microwave Photonic Links Utilizing Various Error Suppression Techniques | Prof. Sandeep K. Arya | Dr. Shelly Singla | 12.05.2022 |
| 23 | 180150090008 | Ms. Priyanka Dalal | Sh. S.S. Dalal | Performance Analysis of Efficient Microstrip Patch Antenna Designs Using Electromagnetic Band Gap Structures | Prof Sanjeev Kumar Dhull | - | 12.05.2022 |
| 24 | 17159001 | Mr. Satyender | Sh. Sultan Singh | An Efficient Novel Method for Classification of EEG Signal for Epilepsy Detection and Its Performance Analysis | Prof. Sanjeev Kumar Dhull | Dr. K. K. Singh | 14.09.2022 |
| 25 | 190150090003 | Mr. Sardhul Singh Dhayal | Sh. Birender Singh Dhayal | Fabrication and Characterization of OFET using Novel Organic Semiconducting Material | Dr. Abhimanyu Nain | Dr. Amit Kumar, Central Uni. Of Haryana, Mahendergarh | 26.09.2023 |
| 26 | 180150090004 | Mr. Deepak  Garg | Sh. Subhash Garg | Performance Enhancement of Next Generation Fibre | Dr. Abhimanyu Nain | - | 26.09.2023 |
| 27 | 17159004 | Mr. Vijay Pal Singh | Sh. Ishwar Singh | Performance Evaluation of Photovoltaic Solar Panels in Semi Desert Area of Haryana (India). | Prof. Sandeep K. Arya | Dr. Ajay Shankar | 19.03.2024 |
| 28 | 190150090002 | Ms. Bahareh Dabaghiannejed | Sh. Abolaziz | Fabrication and Characterization of nanomaterial’s for Electromagnetic Application | Dr. Sandeep K. Arya | Dr. Sandeep Kumar Deptt. of Bio and Nano Tech., GJUS&T, Hisar | 19.03.2024 |
| 29 | 180150090002 | Ms. Komal | Sh. Hari Kishan | Design and Analysis of Analog Active Filters and Oscillators Using Modern Active Building Blocks | Dr. Ramnish Kumar | Dr. K. L. Pushkar | 02.05.2024 |