

ACHIEVEMENTS



"There is only one thing that makes a dream impossible to achieve: the fear of failure."

Paulo Coelho,
The Alchemist



This newsletter of ECE department of PDPM IITDM Jabalpur, chronicles all the faculty and student achievements with it. We wish them all a very bright and prospering career ahead.

We are pleased to share that our department's Ph.D. student, **Ms. Anjali Agrawal** under the guidance of **Dr. Ravi Panwar**, from **Microwave & Comm. Lab**, have jointly won the first prize as the **Most Innovative Project Award** in the post-graduate category at the culmination of the **Student Innovation Grant Program 2021-22** at **ARTPARK (AI & Robotics Technology Park) @ IISc**.



IMAGE REF. Samsung's 6G spectrum white paper at research.samsung.com.

TOPIC :

"Design and prototyping of deep neural network enabled innovative conformal exterior stealth tanker drone," Advisor: **Dr. Ravi Panwar**, Dept. of Electronics and Communication Engg., Student: **Anjali Agrawal**, Indian Institute of Information Technology, Design and Manufacturing, Jabalpur.

➤ We are pleased to share that our department's Ph.D. students **Mr. Himanshu Singh, and Mr. Himanshu Gupta, under the guidance of Dr. Anil Kumar, and Dr. Lokendra K Balyan** from the **Signal Processing Lab**, have been awarded the Best Paper Award in the **International Conference on Control, Automation, Power and Signal Processing (CAPS-2021)** at **PDPM IIIT Jabalpur**.

TOPIC :

"Fractional-order High-boost Filtering for Textural Improvement of Images using Relative Spatial Entropy Quartiles", authored by **Himanshu Singh, Himanshu Gupta, Dr. Anil Kumar, and Dr. Lokendra K Balyan**.



➤ We are pleased to share that our department's Ph.D. student **Ms. Vibhuti Chauhan** won the **Best Researcher Award** at the **International Symposium on Materials of the Millennium: Emerging Trends and Future Prospects (MMETFP-2021)** held at **Pandit Deendayal Energy University, Gandhinagar, India** from **November 19-21, 2021**.

TOPIC :

"Performance Investigation of Ferroelectric Spacers for Negative Capacitance FinFETs".