

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES

(under the aegis of IQAC and DBT Star Scheme)
announces an

International Webinar on

Shaping
the
Career
for

5G

Technologies

Dr. Tushar Sharma
NXP Semiconductors
Post Doctoral Research Associate
Department of Electrical
Engineering
Princeton University

July 15, 2020

1000 hrs

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Dr. Tushar Sharma received his Ph.D. degree from the University of Calgary, Alberta, Canada in 2018 with focus on the of high-efficiency gallium nitride technology characterization and design of power amplifier architectures for 5G base station applications. Thereafter, he joined as a post-doctoral research associate at the Integrated Microsystems Research Lab at Princeton University, NJ, USA, where he was involved in exploring the novel reconfigurable techniques in RF and mm-Wave transmitters (30-100 GHz) for 5G and beyond.

In 2016, he joined RF power group of NXP Semiconductors, Chandler, AZ, USA, as a research and development engineer. His research areas include mm-wave advanced transmitter architectures in CMOS, GaN, InP, high-power (50–300-W) broadband amplifiers for cellular infrastructure, passive/active load-pull techniques for device characterization, and waveform engineering. He is a recipient of the Alberta Science and Innovation Under 30 Future Leader Award, Alberta Transformative Talent Scholarship, IEEE Education Activity Board Pre Educator award, IEEE MGAYoung Professionals Achievement award and University of Calgary 2018 Early Achievement Alumni Award. He has authored or coauthored over 35 refereed publications and holds 3 US patents—awarded or pending.



Department of Instrumentation

Dr. Avneesh Mittal,
Convener

Dr. Balaram Pani,
Principal

