



UNIVERSITY SCHOOL OF INFORMATION, COMMUNICATION & TECHNOLOGY  
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY  
Sector-16C, Dwarka Campus, Delhi - 110 078

F.No. GGSIPU/USICT/Ph.D./Misc./2020-21/ 14325<sup>L</sup>

Dated: 23 October, 2020

**NOTICE**

**Sub: Approval of topic of Research of AIACTR in the ECE discipline by RAC in 119<sup>th</sup> SRC of USIC&T.**

The 119<sup>th</sup> SRC meeting of School Research Committee of University School of Information Communication & Technology was held on 28.09.2020 has accepted an Agenda Item No. 8, the Ph.D. topic of research of 2019-20 batch of AIACTR in the ECE discipline after recommendation by RAC. In accordance to clause 8.1.1 of Ph.D. Ordinance-12 (2017). The details are as follows:

Sl. No.	Enrl. No.	Name	Name of the Supervisor	Topic of Research
1.	03310190019	Preeti Goyal	Dr. Garima Srivastava	Modelling, Simulation and Analysis of MOSFET/TFET for analog and RF applications
2.	04910190019	Harsh Kumar	Dr. Garima Srivastava	Microstrip Antenna using Substrate Integrated Waveguide (SIW)
3.	05210190019	Usha Sharma	Dr. Garima Srivastava	Multiband MIMO Antenna for sub-6GHz 5G Application
4.	03410190019	Anu Goel	Dr. Richa Bhatia	Analysis of Mixed RF/FSO Dual Hop Relaying over Fading Channel
5.	05510190019	Pooja Pathak	Dr. Richa Bhatia	Channel Coding for Wireless Communication
6.	05610190019	Vishal Jain	Dr. Richa Bhatia	Performance Evaluation of Radio over Fiber Link for various Fiber Nonlinearities
7.	03610190019	Saurabh Katiyar	Prof. Rajveer S. Yaduvanshi	Design and Implementation of Optical Dielectric Resonator Antenna
8.	03910190019	Waqar Ali	Prof. Rajveer S. Yaduvanshi	Electronics IOT
9.	05910190019	Tanya Gupta	Dr. Richa Bhatia	Investigation of Security Issues and Load Estimation of Smart Grid
10.	04410190019	Mudit Saxena	Dr. M. Gangadharappa	Machine Learning Models to Detect Human Activity using Video Summarization
11.	04510190019	Nitish Uppal	Dr. M. Gangadharappa	Spectral and Energy Efficient Techniques for Next-Generation Wireless Networks
12.	05710190019	Prateek Anand	Prof. Arti M. K.	Security Aspects of Satellite Communication
13.	04110190019	Manoranjan Kumar	Prof. Arti M. K.	Space Shift Keying Technique for Satellite Communication

This issues with the approval of the 119<sup>th</sup> SRC.

(Prof. Pravin Chandra)  
Dean, USIC&T

**Copy to:**

1. Director (R&C) for kind information please
2. Principal, AIACTR, Krishna Nagar Road Chacha Nanro Bai Chikitsalaya, Geeta Colony, New Delhi - 110031
3. All Concerned Supervisor(s) and Research Scholar(s) through email
4. Head, UITS with the request to upload the same in the web page of USICT ([http://www.ggsipu.ac.in/research\\_usict.php](http://www.ggsipu.ac.in/research_usict.php)) & (<http://www.ggsipu.ac.in/notice.php>)
7. Guard File.

(Prof. Amit Prakash Singh)  
Ph.D. Coordinator, USICT