

FacultyProfile

Dr. Sanghamitra V Arora

HOD

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Faculty Profile

Dr. Lily Gupta
Assistant Professor
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Educational Qualification:

- PHD Jamia Millia Islamia-Central University, Delhi
- M.Tech (Signal Processing) from Ambedkar Institute of Advanced Communication Technologies and Research, Delhi in 2011 secured 82.0% marks.
- B.Tech (Electronics & communication Engineering) from Indira Gandhi Delhi Technical University for Women, Delhi in 2005 secured 75% marks.

Professional Certifications:

- Certification course on Networking Fundamental through Microsoft Tech. Associate in July 2014.
- Completed spoken tutorial certification on C++ organized by IIT Bombay.
- Completed spoken tutorial certification on Scilab organized by IIT Bombay.
- Completed spoken tutorial certification on LaTeX organized by IIT Bombay.
- Completed spoken tutorial certification on Linux organized by IIT Bombay.
- Completed spoken tutorial certification on Python organized by IIT Bombay.

Professional Experience:

- Presently working as Assistance Professor in. ECE Department in Dronacharya Group of Institutions, Greater Noida from 3rd Oct 2011.
- Worked as Lecturer in Northern India Engineering College, Shastri Park. Delhi Deptt of ECE under G.G.S Indraprastha University from January 2007 to September 2009.
- Worked as Lecturer in PCCS, Greater Noida, in Deptt. Of ECE under GBTU from Aug. 2005 to Jan 2007.

Research Interest:

- Current & voltage mode filter designing using CMLT technology.

Paper Presented/Publications:

- Presented paper on "Realization of Fully differential third order OTA-C filters using CMLT Technique" in 17th IEEE conference, INDICON 2020.
- Published paper on "Design and analysis of Voltage control function generator using highly linear CCII" in 17th IEEE conference, INDICON 2020.
- Published paper on "Data security management in cloud computing" in Proceedings of National conference on electronics and communication system, 5th -6th April 2013 (NCECS 2013) in The Section of communication system and Networking.
- Published paper on "Vacco -Cool" IOT based Vaccine/ Medicare cooling box in International Journal of Novel Research and Development in 2017.

Participation and Organization in/of National & International Conference/Workshops/Seminars:

- Attended one day workshop on Python conducted by NMEICT - IIT Bombay on 22nd June 2019.
- Attended one day workshop on Scilab conducted by NMEICT - IIT Bombay on 4th May 2019.
- Attended one day workshop on Moodle conducted by NMEICT - IIT Bombay on 15th March 2019.
- Attended workshop on Control System conducted by IIT Kharagpur from 2nd to 12th Dec. 2014.
- Attended seminar on Virtual Labs(Basic Electronics, Digital Electronics and Microwave) conducted by IIT Delhi on 11th Nov.2014.
- Attended workshop on Step 2 Research from 19th to 20th sept. 2014.
- Attended workshop on Power System Operation and Control on 9th August 2014.
- Two week ISTE Workshop on Computer Programming under the National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT, Kharagpur in June 2014.
- Attended Faculty Induction Program conducted by NITTTR, Chandigarh from 13th to 18th Jan. 2014.
- Attended workshop on Microcontroller based Embedded conducted by NITTTR, Chandigarh from 6th to 10th Jan. 2014.
- Attended workshop on Statistical Product and Service solutions on 30th Nov.2013.
- Attended workshop on "PSO optimization Technique" on 26th Nov 2013.
- Attended workshop on Network Security and Firewall conducted by NITTTR, Chandigarh 18th to 22nd Nov.2013.
- Attended workshop on Analog electronics conducted by IIT Kharagpur/Bombay from 4th to 14th June 2013.
- Attended seminar on ESDM-Electronic System Design & Manufacturing on 6th April 2013.
- Attended workshop on Robozest conducted by IIT Guwahati from 23rd to 24th March 2013.
- Attended seminar on Intellectual Property Rights on 12th March 2013.
- Attended workshop 2 day workshop on Educational & Industrial applications of MATLAB 6th Feb to 7th Feb 2013.
- Attended workshop on PLCs and SCADA on 14th March 2012.
- Attended workshop on Embedded system and VHDL Feb 2012.
- Attended 13 Webinars conducted by IEEE.
- Attended seminar on Opportunities for electronics engineers on 19th April 2012.
- Attended national conference on Advancement in LASER, NIEC, GGSIPU on Aug.2008.
- Attended national conference on Latest trends in VLSI and Advancements in LASER technology, NIEC, GGSIPU on Feb.2007.
- Faculty development program organized by AIT on VLSI and latest developments in VLSI.

Professional Memberships:

- ISTE (LM - 96346)
- IAENG (118221)
- SDIWC (2127)
- IACSIT (80347069)
- CSTA (3125109)
- UACEE (AM1005194)

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Faculty-Profile

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