

NAME: Mrs. Kabi Gupta

DESIGNATION: Assistant Professor

QUALIFICATION: B.Tech (NIT Warangal) M.Tech (NIT Durgapur), Pursuing
PhD (NIT Durgapur)

INTEREST/RESEARCH: Microelectronics & VLSI Design.

EXPERIENCE: Total 13 Years ACADEMIC, including 1 Year 6 Months as HOD ECE,
At Durgapur Institute Of Advanced Technology And Management.

ADMINISTRATIVE RESPONSIBILITY: Acted as Head of Electronics and Communication
Engineering Department since December 2015.

General Body Member (CO CHAIR) of Women cell, DIATM

Leading and actively participated in Counselling Programmes of the
College, DIATM (past).

Active participation in various non-academic functions of DIATM.

Committee Member of fest of DIATM, named as SCIMANTEK and
other Cultural events.

Attached with Technical Clubs and Photography of DIATM.

TEACHING INTEREST: Digital Electronics & Integrated Circuits (for diverse branches of
Engineering), Digital Signal Processing, Microelectronics & VLSI,
Basic Electronics, Analog Electronics.

PROJECTS: Associated with Industrial Projects (IEI) as associate member
(Corporate) since 2013 of IEI, Kolkata and Durgapur Local Centre.

PUBLICATIONS: 1) Paper presented at IEEE International Conference (Jan, 18)
“Band Frequency Generation Using Mixed Signal Controlled
Ring Oscillator” by Kabi Mandal and Ashis Kumar Mal.
At 2nd International Conference on “Inventive Systems and Control”
(ICISC2018) 19-20 January 2018 organised by JCT College of
Engineering, Coimbatore, Technical sponsor by IEEE.

2) At National Level Seminar organised by Applied Science Department, RTASH April 2018, DIATM.

“RING Oscillator Design using variable load CMOS-XNOR/XOR Gates to generate different band frequencies.” by Kabi Mandal, Assistant Professor, ECE, DIATM and Ashis Kumar Mal Associate Professor NIT Durgapur

3) All India Student Conference organised by DIATM (April, 2018)
Ring Oscillator Using CMOS inverter Kabi Mandal, Assistant Professor, DIATM, Vikash Kumar, Neha Sharma, et al,DIATM, Ashis Kumar Mal, Associate Professor, NIT Durgapur.

PARTICIPATIONS IN SEMINAR /CONFERENCE/WORKSHOP/FDP:

Attended many and participated as presenter in few.

- 1) August 2013 Participated in a workshop on Electronics courses organized by IIT KGP through National Mission Of Education Through Information and Communication Technology.
- 2) 2014 Dec: Participated in learning Free and Open Source Softwares Organised by NIT DGP & IIT Bombay.
- 3) Participated at National Level Seminar organised by Applied Science Department, RTASH April 2014, DIATM.
- 4) 2016 Jan: Attended International Conference Microcom2016
- 5) 2016: Feb: Attend the FDP programme at NIT Patna
- 6) 2017: Feb-March: Attended, 2nd International Conference on “Emerging Materials: Characterization&Applications”organised by NIT Durgapur.
- 7) 2017: March: Organised, seminar on “VLSI to Embedded World” at DIATM as Convenor of the programme.
- 8) 2018: Attended and Participated At 2nd International Conference on “Inventive Systems and Control” (ICISC2018) 19-20 January 2018 Organised by JCT College of Engineering, Coimbatore, Technical sponsor by IEEE.
- 9) Participated at National Level Seminar organised by Applied Science Department, RTASH April 2018, DIATM.
- 10) Participated at All India Student Conference organised by DIATM (April, 2018).

