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UGC Status: Letter No. F.8-29/2017(CPP-I/PU), Dated 20 Dec. 2017. Enlisted by the University Grants Commission, New Delhi, in the list of Private Universities in India.
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Date: 21/11/2023

FACULTY OF ENGINEERING & TECHNOLOGY (CO-EDUCATION) DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

REPORT ON

Industry INVITED TALK BY Mr. Basavanth M Senior Technical Staff, Advanced Micro Devices (AMD) India PVT. LTD. Bengaluru.

1. TITLE: On the Way to Semiconductor Industry

DATES: 21-11-2023.

2. Preamble: Industry Invited talk on "On the Way to Semiconductor Industry" is organized by the Department of Electronics & Communication Engineering. The talk is to make the UG students to understand the opportunities in semiconductor industries and various job roles in semiconductor industries.

3. Participant's information: The students of UG 7th Semester and 5th Students have attended. Total Participants are 93.

4. Description about the invited talk: In the inaugural function Dr. Shivkumar Jawaligi, Dean, Faculty of Engg. & Tech. inaugurated the session. Mrs. Shruti Patil, Assistant Professor, Dept. of ECE (Co-Education) introduced the speaker to the gathering. The guest speaker is felicitated by Dr. Shivkumar Jawaligi, Dean, Faculty of Engg. & Tech.

Highlights of the talk:

- **Software industry vs Semiconductor Industry**
- **VLSI-choosing the subdomain**
 - Architects
 - RTL designers
 - Functional and Gate Level Verification Engineers
 - Formal Verification Engineers
 - Synthesis Engineers
 - FPGA Engineers
 - Emulation Engineers
 - DFT (Design For Test Engineers)
 - Physical Design Engineers
 - Post Silicon Validation Engineers
- **Work opportunities in Semiconductor Industry**
- **Industry Expectation**



Figure1- Felicitation to the Guest Speaker by Dr. Shivkumar Jawaligi, Dean Faculty of Engineering & Technology, Sharnbasva University, Kalaburagi



Figure-2-Session conduction by Guest Speaker Mr. Basavanth M



Figure-4- Participants attending the session

Course outcome: This talk enables the students to understand the semiconductor industry requirements and various job opportunities in the semiconductor industry.

COURSE OUTCOME AND PROGRAMME OUTCOME MAPPING (1/2/3):

Note: 1-Low, 2-Medium, 3-High

CO/PO	PO.1	PO.2	PO.3	PO.4	PO.5	PO.6	PO.7	PO.8	PO.9	PO.10	PO.11	PO.12	PSO.1	PSO.2
CO	-	-	-	-	3	-	-	-	-	-	-	2	3	3

Impact of the invited talk: This talk will motivate the young minds to take up their carrier in Semiconductor industry.

