B.M.S. COLLEGE OF ENGINEERING

Autonomous College under VTU
(Approved by AICTE, Accredited by NBA & NAAC)
P. B. No. 1908, Bull Temple Road, Bengaluru-560 019

5 days ONLINE Faculty Development Program
on
Advancements in VLSI technology
(Date13th-17th MARCH 2023)

Organized by
Department of Electronics and Communication Engineering
B.M.S. College of Engineering
Bengaluru- 560019

In association with

Ignitarium Technology Solutions Pvt Ltd, 2615, 27th Main Road, 1st Sector, HSR Layout, Bengaluru, Karnataka 560102.

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About The College:

B.M.S. College of Engineering (BMSCE) was founded by the great visionary and philanthropist Late Sri. B. M. Sreenivasaiah in the year 1946. After the demise of the founder, his illustrious son Sri. B.S.Narayan took over the reign of the college. Under his able leadership, the college grew from strength to strength. BMSCE is the first engineering college established in the country (preindependent India) by a private enterprise. The college is an aided institution (by Government of Karnataka) and affiliated to Visvesvaraya Technological University (VTU).

BMSCE offers has 14 UG, 15 PG & 14 Research programs. The college became an autonomous institution under VTU in the year 2008-09. In the year 2011, BMSCE was recognized as a QIP Centre in Engineering & Technology by All India Council for Technical Education (AICTE). The college is one among the few engineering colleges in the state qualified for Phase-3 of the Technical Education Quality Improvement Programme (TEQIP), a World Bank sponsored project. BMSCE is the only partner institution from India along with the other universities located in Chile, China, Germany and USA for the Melton Foundation. The Institution is accredited by National Assessment and Accreditation Council (NAAC) with a CGPA of 3.83 at A++ grade valid up to March 2024. NIRF rank for the year 2019 is 69.

About the ECE Department

The department of Electronics and Communication Engineering was established in 1971 with an initial intake of 60 students to the UG program and later enhanced to 180. The department offers three PG programs in the field of Electronics, Digital Communication Engineering and VLSI Design & Embedded Systems and is recognized as a Research Centre by Visveswaraya Technological University and for the QIP Research programs. The department has 2 CoEs, one for RF and wireless communication, set up in association with Keysight Technologies and one for VLSI design, set up in association with Electronics Sector Skills Council of India (ESSCI) Both the CoEs have been identified as skill development centers under NEP. The department has been accredited by NBA for a period of 6 years under Tier-I in 2017. With these, various programs are being offered at the UG, PG and the doctoral level. The overall objective of the department

is to contribute, significantly, to the realization of the Vision and Mission of BMSCE.

The major goal of the Department is to cater the holistic development of students by providing a conducive Learning Environment. In that direction, we practice Outcome Based Education (OBE). Students majorly learn through active learning and most courses involve hands on sessions and project based learning. The department continuously strives for excellence and faculties are involved in patent work as well. The Faculties are passionate about teaching are also involved in a number of research projects funded both by the college management and by external agencies.

About Ignitarium

Ignitarium is a boutique product engineering house that combines its deep expertise in semiconductor, AI, and wireless-enabled embedded systems to realize cost-effective system solutions to solve demanding real world use cases. Since its inception in 2012, Ignitarium, which has a global footprint with presence in India (Bengaluru and Kochi), USA (San Jose and Austin), Canada, Japan and Europe, has been focused on providing product engineering services for intelligent systems. Its offerings include semiconductor logic design and architecture, design verification, FPGA prototyping, embedded, multimedia and AI software in the Automotive, Industry 4.0, Consumer Electronics, Robotics and Health care segments

About FDP

This FDP is aimed at delivering sessions from Industry people i.e., Ignitarium Technology Solutions Pvt Ltd to make the participants conversant with advances in VLSI.

- **March 13-14- SV/UVM based digital Verification Concepts-** Arun Ambooken, Training Specialist - Semiconductor
- **March 15-16- DFT techniques in ASICs -** Saranya Kannan Engineer- DFT.
- **March 17-Linux Graphics Architecture –** Shamnaz Fathimath, Senior Engineer- Platform software, & Anurag K V- Engineer- Platform Software.
  *Complete schedule is attached

Who can participate

Faculty members of AICTE approved Institutions, Research Scholars, participants from Government, Industry (Bureaucrats/ Technicians etc.) and staff of host Institutions.

Registration for the FDP:

Please find the FDP Registration Link below

https://forms.gle/uqo9rQtmhVFjZtVt9

Scan me!

** Last Day for registration is 07/03/2023.
** Attendance is compulsory to get e- Certificate.

For **clarifications**, please email to the FDP coordinators.