



WORKSHOPS ORGANISED 2022-2023

SL NO	WORKSHOPS ORGANISED
1	<p>June 21, 2022: Department of Electronics and Communication Engineering in association with SM Electronic Technologies Pvt. Ltd. organized a 5-days Faculty Development Program on “Embedded Systems & their Applications” from 21st - 25th of June 2022. Mr. Somashekar S, Director- Technical, Mr. Srinivasulu S, Senior Manager-Applications, Mr. Subramanya G, Manager Hardware Design, Mr. Raghavendra D P, Asst Manager, Mr. Koushik Kumar, Field Application Engineer from SM Electronic Technologies Pvt. Ltd were the expert speakers of the program. The event was coordinated by Dr. K P Lakshmi, Dr. Geetishree Mishra, Mrs. Radha R C, Mrs. Jyothi Ravikumar, Faculties, Dept. Of ECE.</p> 
2	<p>July 26, 2022: A two day on line workshop was organised by Dr. Jayanthi K Murthy and Dr. Arathi R Shankar, Faculties, Department of Electronics & Communication Engineering on 26th&27th July 2022. Mr. Nithin Aradhya Y L from Cadence Design Systems was the resource person for the virtual workshop. An insight into Analog flow (Front end & Back end) was provided to the Post graduate students of Electronics and Digital communication.</p> 
3	<p>August 18, 2022: Department of Electronics and Communication Engineering as the part of MoU between BMSCE and DALHAM LEARNING organized a workshop on “Design Thinking” for the students of 4th semester ECE on 18th-19th August and 2nd of September. Mr. Rakshith Shetty from Dalham Learning was the resource person and Dr. Rajath Vasudevamurthy, Faculty Dept. Of ECE coordinated the event.</p>

	
4	<p>September 01, 2022: Department of Electronics and Communication Engineering in association with IETE, Bangalore and SM Electronic Technologies Pvt. Ltd., Bangalore organized a two-weeks Value Added Course on “Embedded System Design using ARM SoC” conducted from 1st-12th September 2022 for the students of UG and PG from BMSCE. Dr. Geetishri Mishra, Faculty, Dept. of ECE was the resource person and also the course coordinator.</p> 
5	<p>November 20, 2022: As a part of Phase Shift ‘ELSoC’ club in the Department of Electronics and Communication Engineering conducted a one day pre-workshop on ‘Remote Controlled Car’ for the students of the department. The workshop was held by Mr. Bharath G S, Mr. Vishvesh, Ms. Sowmya Kulahalli members of ELSoC. Dr. Maligi Anantha Sunil and Dr. Archana H R, Assistant Professors in the department were the workshop coordinators. The workshop gave a brief exposure to students on NodeMCU, microcontrollers, embedded architecture basics and mechanical design.</p> 
6	<p>November 25, 2022: As a part of Phase Shift Department of Electronics and Communication Engineering organized the following workshops and events for the students in the department from 25th -26th of November.</p>

Workshops:

- Digital Design Using Virtual FPGA: Mr. Kunal Ghosh, Director and Co-Founder of VLSI System Design Corp. Pvt. Ltd., and Mr. Bala Dinesh IIT-M were the invited resource persons.

Faculty coordinators: DR. Rajath Vasudevamurthy, Assistant Professor.

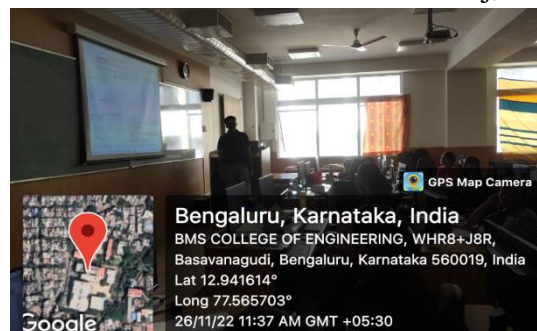
Student coordinators: Mr. Bharath G S and Sowmya Kulhalli.



- Embedded System Design with ARM SoC: Mr. Raghavendra D P, Assistant Manager and Mr. Koushik, SM Electronics were the invited resource persons.

Faculty coordinators: Dr. Geetishree Mishra, Assistant Professor.

Student coordinators: Mr. S K Dheraj, T S Rakshith.



- Driving into the Future with Electric Vehicles: Mr. Srinivasa Chakravarthy Perala, Design and Development, Perasia Technologies Pvt Ltd., was the invited resource.

Faculty Coordinators: Mrs. Radha R C, Assistant Professor.

Student Coordinators: Mohammed Bilaal Arham, Sanjana A Hoskote.



7 **December 21, 2022:** Department of Electronics and Communication Engineering and Department of Medical Electronics Engineering conducted a ‘Value Added Course’ on ‘Analog and Digital VLSI Design Flow using EDA Tools’ for differently abled BE and Diploma graduates held from 21st-23rd of December 2022 at BMSCE Bangalore.



8 **March 13, 2023:** Department of Electronics and Communication Engineering in association with Ignitarium Technology Solutions Pvt Ltd., organized 5-day online Faculty Development Program on ‘Advancements in VLSI Technology’ conducted from 13th - 17th March 2023. The workshop was coordinated by Dr. Veenna M B, Associate Professor, Dept., of ECE.

B.M.S. COLLEGE OF ENGINEERING
Autonomous College under VTU
Approved by AICTE, Accredited by NBA & AACSB
P. B. No. 1908, Bull Temple Road, Bengaluru-560 019

Advancements in VLSI Technology
(March 13th-17th MARCH 2023)

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

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

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Dr. Bheemsha Arya, Vice-Principal (Academics), BMSCE

Organizing Chair
Dr. Siddappa, Professor & Head, Dept. of ECE, BMSCE

Coordinators:
Dr. VEENNA M B, Associate Professor, Dept. of ECE, B.M.S. College of Engineering, Bengaluru-560019. Email: veennamb.ace@bmsce.ac.in
Dr. Kisan Bailey & Prof. J. Dinesh Reddy, Assistant Professor, Dept. of ECE, B.M.S. College of Engineering, Bengaluru-560019. Email: kisanbailey@bmsce.ac.in

About the ECE Department
The department of Electronics and Communication Engineering was established in 1975 with an initial intake of 40 students in the UG program and later increased to 300. 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 Center by Visvesvaraya Technological University and for the QIP Research programs. The department has 2 CoEs, one for BE and wireless communication, and two in association with Technological and one for B.Tech degree, all are in association with Electronics Sector, South Council of India (ESCI). Both the CoEs have been identified as skill development centers under NIPTE. The department has been accredited by NBA for a period of 5 years under Tier II in 2012. 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.

About The College
B.M.S. College of Engineering (BMSCE) was founded by the great visionary and philanthropist late Sri. B. M. Srinivasrao in the year 1956, after the demise of the founder, his illustrious son Sri. B.S.Narasimha 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 (jointly established) under a private enterprise. The college is an aided institution (By Government of Karnataka) and affiliated to Visvesvaraya Technological University (VTU).

BMSCE offers 14 UG, 15 PG & 14 Research programs. The college became an autonomous institution under VTU in the year 2008. In the year 2013, BMSCE was recognized as a QIP Center in Engineering & Technology by the All India Council of Technical Education (AICTE). The college is one among the few engineering colleges in the state qualified for Phase 2 of the Technical Education Quality Improvement Programme (TEQIP), a World Bank sponsored project. BMSCE is the only private institution from India along with the other universities located in China, China, Germany and USA for the Indian Foundation Accreditation Council (IFAC) with a COPA of 3.83 at A++ grade which was awarded in 2014. 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 this direction, we practice Outcome Based Education (OBE). Students acquire skills through active learning.

9 Department of Electronics and Communication Engineering, BMSCE in collaboration with the Test Technology Technical Council (TTTC) conducted the workshop on ‘VLSI Test & Reliability’ from 16th-18th March 2023. 95 participants in and around Karnataka attended the workshop and it provided the opportunity to the participants to delve into the latest VLSI testing and reliability techniques. Dr. R. Jayagowri, Associate Professor from the department delivered a talk for the session titled ‘Scan based Testing’. This workshop was coordinated by Dr. R. Jayagowri, Prof. Jeeru Dinesh Reddy, and Dr. Hemavathi, faculties from the department.





10 **May 20, 2023:** Department of Electronics and Communication Engineering and Department of Electronics and Instrumentation Engineering organized **‘One Week FDP’** on **‘ARM Processor and Embedded Controllers’** form 20th – 25th May 2023. The invited resource persons for the FDP were:

- Mr. Jayaram Srinivasa Murthy, Chief Architect & Associate Technical Fellow, Boeing India.
- Mr. Srinivasulu, Senior Application Manager, S M Electronics, Bengaluru.
- Mr. Chidambar Kulkarni, Senior Technical Manager, TMI Systems.
- Mr. Rohir Prajapati, Technical Manager, DigiToad Technologies.
- Mr. Sagar S M, Founder, M/S Ideonics.
- Dr. Veena N Hegde, Professor from the Dept. of EIE, BMSCE.
- Dr. Rajanikanth K N, Associate Professor and Dr. Geetishree Mishra, Assistant Professor from the Dept. of ECE, BMSCE.
- Faculty Coordinators, Dept. of ECE: Dr. K N Rajanikanth, Associate Professor, Dr. Geetishree Mishra and Mrs. Pooja A P, Assistant Professors.



11 **May 22, 2023:** Department of Electronics and Communication Engineering organized a 4 day **‘Technical Staff Skill Development Program’** on Electronic Labs for technical staffs in the department from 22nd-25th May 2023. The below mentioned in house faculties were the resource persons for the program:

- Networking concepts and Baics of Qualnet: Dr. Poornima G, Associate Professor and Dr. K N Madhusudan, Assistant Professor.
- Mixed Signal Design Concept (MSD): Dr. Rajath Vasudevamurthy, Dr. Archana H R, Mrs. Sanjana T, Assistant Professors.
- Hardware Description Languague (HDL):
Dr. R Jayagowri, Associate Professor, Mrs. Radha R C and Mrs. Shachi P, Assistant Professors.

- System administration and maintenance: Mr. Muralidhara M R, Foreman, Dept. of AI & ML and Mr. Manjunath, Dept. Of CSE.

