



# B. M. S. COLLEGE OF ENGINEERING

(Autonomous college under VTU)

Bull Temple Rd, Basavanagudi, Bengaluru, Karnataka 560019

## Department of Electronics and Communication Engineering

presents

### Two-Week Technical Enhancement Program



ECE Department  
Laboratories & Industry



10am - 4:30pm

The Department of ECE invites staff for an intensive, hands-on program, covering emerging technologies such as FPGA programming, AI tools, analog electronics, communication systems, solar energy, and real-world industrial exposure.

#### Chief Patrons

##### Donor Trustee

Dr. B. S. Ragini Narayan,

##### Chairman, BMSCE

Dr. Dayanand Pai,

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##### Principal

Dr. Bheemsha Arya

##### Vice Principal - Admin

Dr. Seshachalam D

##### Vice Principal - Academic

Dr. L. Ravikumar

##### Head of Department

Dr K. P. Lakshmi

#### Organizing Committee

##### Faculty co-ordinator

Dr. Madhusudhan K. N., Assoc. Prof.,  
ECE, BMSCE

##### Staff co-ordinator

Mrs. Yashaswini, Instructor.,  
ECE, BMSCE

*"Empowering with Practical Skills for Future Technologies."*

## Program Schedule

Date	Laboratory/Topic	Session Details	Resource Persons
Day 1 06-06-2026	Signals & Systems Laboratory & Embedded Systems Design	Inauguration followed by an introduction to MATLAB & Simulink, Hands-on Programming using LPC1768 Boards	Mr.Suprit Kumar K S., Assistant Professor Mrs.Yashaswini, Instructor. Mrs. Sachitha S R, Assistant Instructor,
Day 2 07-06-2026	HDL Laboratory	HDL Programming and Introduction to FPGA Boards	Mr. Harsha Gonoor Neelakanta, Sr. Manager, Silicon Microsystems, Mr. Kumar K G, Technical Member, Silicon Microsystems.
Day 3 08-06-2026	HDL Laboratory	Hands-on Programming using FPGA Boards	Ms. Radha R., Assistant Professor Ms. Radha B., Assistant Instructor
Day 4 09-06-2026	Integrated Electronics Laboratory (IEL)	Analog and Digital Electronics Experiments/ Spice / Orcad Software	Mr. Eesha D., Assistant Professor Mr Srinivas A, Instructor Mr. Hitendra K, Instructor Ms. Renuka Rampur, Assistant Instructor
Day 5 10-06-2026	Communication Laboratory	AM & FM & Other Communication Experiments	Dr. Hemavathi D, Assistant Professor Mrs. Prakash R, ForeMan Mrs. Preethu Devaiah, Instructor Mrs. Geetha D, Assistant Instructor
Day 6 11-06-2026	For IEL & CT Lab	Soldering Exercise	Mr. Devraja G, Assistant Instructor
Day 7 13-06-2026	Artificial Intelligence Tools	Hands-on Session on AI Tools	Ms. Supriya P, Assistant Professor, AI & ML Department. Mr. Hitendra, Instructor Mr. Praveen, EC Office
Day 8 14-06-2026	Artificial Intelligence Tools	Advanced Hands-on Session on AI Tools	Ms. Supriya P, Assistant Professor, AI & ML Department. Mr. Sharath, Assistant Instructor
Day 9 15-06-2026	Electrical Safety, & Solar Energy	Presentation on Electrical Safety, Solar Panel Technology	Dr. Venkatesh B, Associate Professor, EEE Department Dr. Madhusudhan K N, Associate Professor Ashok Vali, Manager, Residential and light Commercial Orb Energy
Day 10 16-06-2026	Computer Hardware	Hands-on Computer Hardware Assembly and Description.	Mr. Sanjay, Assistant Instructor, CSE Department
Day 11 17-06-2026	Industrial Visit	Visit to an Electronics/Communication Industry for Practical Exposure.	Industry Experts & Faculty Coordinators
Day 12 18-06-2026	5G Laboratory	Introduction to 5G & SBA Hands on Signaltron	Dr. Preeti K Mane, HOD, EIE Dept.